

Professional Waterproofing Systems



PRODUCTS

CATALOGUE



**Proved
System
Solutions**





Gold Emblems QI 2015



Golden Payer
Certificate 2014



Fair Play Company 1999-2015



BUSINESS
FAIR PLAY 2015



Business Gazelle
2008-2015



Building Company
of the Year 2014-2015



Construction Creator 2015



Izohan is a Polish, dynamically developing company set up in 1989. By introducing modern technologies and solutions it has become a market expert in waterproofing and construction chemicals.

Since 2006 the company has been working within the structure of the Atlas Group. Currently it unites four brands: IZOHAN, IZOLMAT, NEXLER and IZOLMIX. Izohan brings the widest range of construction chemicals and waterproofing products available on the market, it offers hundreds of system solutions supporting the contractors at any stage of the investment process.

Izohan offers, i.a. sealing micro-mortars, epoxy materials, bitumen masses, PCC mortars, impregnants, products for renovation and fumigation, polyurethane foams, PVC membranes, shingles and bitumen roll materials.

Izohan is a modern company assuring repetitiveness of the processes as well as the highest quality products confirmed by numerous trade and industrial awards and prizes.

***IZOHAN** products build the world around us.*



solvent asphalt products IZOBUD

IZOHAN IZOBUD PENETRATOR G7	6
IZOHAN IZOBUD Br.....	6
IZOHAN IZOBUD SBS-Br.....	6
IZOHAN IZOBUD B.....	6
IZOHAN IZOBUD SBS-B.....	7
IZOHAN IZOBUD Gr.....	7
IZOHAN IZOBUD SBS-Gr.....	7
IZOHAN STYROTEX.....	7
IZOHAN IZOBUD SBS-tixo.....	8
IZOHAN IZOBUD Br-tixo.....	8
IZOHAN IZOBUD R.....	8
IZOHAN IZOBUD masa szpachlowa (IZOHAN IZOBUD filling mass)	8
IZOHAN IZOBUD ROOFIX	9
IZOHAN IZOBUD IMS	9
IZOHAN epoxy X9.....	9
IZOHAN USZCZELNIACZ DEKARSKI KAUCZUKOWY (IZOHAN RUBBER ROOFING SEALANT)	9
IZOHAN KLEJ DEKARSKI (IZOHAN ROOFING ADHESIVE).....	10
IZOHAN USZCZELNIACZ DEKARSKI BITUMICZNY (IZOHAN BITUMEN ROOFING SEALANT)	10

waterborne products IZOBUD W

IZOHAN DYSPERBIT.....	12
IZOHAN IZOBUD WL.....	12
IZOHAN IZOBUD WK.....	12
IZOHAN IZOBUD WK plus.....	12
IZOHAN IZOBUD WM.....	13
IZOHAN IZOBUD WM 2K.....	13
IZOHAN IZOBUD WM 2K plus.....	13
IZOHAN IZOBUD WB.....	13
IZOHAN IZOBUD WA.....	14

mineral-polymer products EKO

IZOHAN GRUNT UNIWERSALNY (IZOHAN GENERAL-USE PRIMING SOLUTION).....	15
IZOHAN EKOLEP.....	15
IZOHAN EKO 1K.....	16
IZOHAN EKO 2K.....	16
IZOHAN KRISTALIZATOR K6	16
IZOHAN EKOFOLIA (IZOHAN ECO-FOIL).....	16
IZOHAN SZCZELNA ŁAZIENKA (IZOHAN WATERTIGHT BATHROOM).....	17
IZOHAN SZCZELNY FUNDAMENT (IZOHAN WATERTIGHT FOUNDATION).....	17
IZOHAN SZCZELNY TARAS (IZOHAN WATERTIGHT TERRACE).....	17
IZOHAN EKODACH (IZOHAN ECO-ROOF).....	17

renovation and fumigation

IZOHAN grzybochron (IZOHAN protection against fungi and mould infestation).....	19
IZOHAN grzybostop (IZOHAN preparation for treatment of fungi and mould).....	19
IZOHAN wodochron W (IZOHAN waterproofing emulsion).....	19
IZOHAN farba przeciwwodna (IZOHAN watertight coating).....	19

impregnants and coats

IZOHAN impregnat IPC (IZOHAN impregnant IPC).....	20
IZOHAN impregnat IB (IZOHAN impregnant IB).....	20
IZOHAN impregnat W2 (IZOHAN impregnant W2).....	20
IZOHAN STRAŻNIK BRUKU (IZOHAN PAVEMENT GUARD).....	20
IZOHAN epoxy P-405.....	21
IZOHAN epoxy P-406.....	21
IZOHAN epoxy EP-601.....	21
IZOHAN epoxy EP-602.....	21

polyurethane foams

IZOHAN STYROPUK FUNDAMENT (IZOHAN STYROPUK FOUNDATION).....	22
IZOHAN STYROPUK ELEWACJA (IZOHAN STYROPUK EXTERNAL WALLS).....	22
IZOHAN STYROPUK MONTAŻ 45 (pistoletowa) (IZOHAN STYROPUK MONTAGE 45 (foam gun)).....	22
IZOHAN CZYŚCIK (IZOHAN CLEANER).....	22

adhesives, sealants and grouts

IZOHAN renobud C-520.....	24
IZOHAN renobud C-503.....	24
IZOHAN renobud C-504.....	24
IZOHAN epoxy C-505.....	24
IZOHAN epoxy C-506.....	25
IZOHAN EKO POLIMER 45.....	25
IZOHAN epoxy EP-603 poziom (horizontal).....	25
IZOHAN epoxy EP-603 pion (vertical).....	25

concrete repairs and protection RENOBUD R

IZOHAN renobud R-101.....	27
IZOHAN renobud R-102.....	27
IZOHAN renobud R-103.....	27
IZOHAN renobud R-104.....	27
IZOHAN renobud R-105.....	28
IZOHAN renobud R-112.....	28
IZOHAN renobud R-113.....	28
IZOHAN renobud R-120.....	28
IZOHAN renobud R-140.....	29
IZOHAN IZOBUD RR.....	29

supplementary products

IZOHAN SEPARATOR B	30
IZOHAN SZNUR DYLATACYJNY (IZOHAN BACKER ROD).....	30
IZOHAN SZCZELNA TAŚMA (IZOHAN WATERTIGHT TAPE).....	30
IZOHAN TAŚMA USZCZELNIAJĄCA (IZOHAN WATERTIGHT TAPE).....	30
IZOHAN TB 10.....	31
IZOHAN TB 20.....	31
IZOHAN TB 30	31
IZOHAN TB 40	31

MONOFLEX PVC membranes

IZOHAN MONOFLEX PVC membrana 1,2 (membrane 1,2).....	32
IZOHAN MONOFLEX PVC membrana 1,5 (membrane 1,5).....	32
IZOHAN MONOFLEX PVC D.....	32
MEMBRANA WALKWAY (WALKWAY MEMBRANE).....	32

heat-welded top membranes

IZOLMAT PLAN monomax®	33
IZOLMAT PLAN protection® PYE PV250 S5,2 SS	33
IZOLMAT PLAN PYE PV250 S5,2 SS	33
IZOLMAT PLAN extra PYE PV200 S5,2 SS	33
IZOLMAT PLAN PYE PV200 S4,2 SS	34
IZOLMAT PLAN PYE PV180 S4,0 SS	34
IZOLMAT opti 20 PYE PV250 S5,2 SS	34
IZOLMAT opti 20 PYE PV200 S5,2 SS	34
IZOLMAT BIT V60 S4,2 SS	35

heat-welded base membranes

IZOLMAT PLAN PYE PV250 S5,0	35
IZOLMAT PLAN PYE G200 S4,0	35
IZOLMAT PLAN PYE PV180 S4,0	35
IZOLMAT PLAN ultimax	36
IZOLMAT PLAN ultimax SBS	36
IZOLMAT PLAN PYE160 S3,0	36
IZOLMAT opti 20 PYE PV200 S4,0	36
IZOLMAT opti 5 PYE PV200 S4,0	37
IZOLMAT opti 5 PYE G200 S4,0	37
IZOLMAT BIT G200 S4,0	37
IZOLMAT BITV60 S4,0	37
IZOLMAT BITV60 S3,0	38

special membranes

IZOLMAT TOP SP	38
IZOLPLAN PYE G200 S3,0 SP	38
IZOLMAT PLAN zielony dach PYE PV250 S5,0 (IZOLMAT PLAN green roof PYE PV250 S5,0)	38
IZOLMAT PLAN zielony dach PYE PV200 S4,2 (IZOLMAT PLAN green roof PYE PV200 S4,2)	39
IZOLPLAN fundament® SP (IZOLPLAN foundation® SP)	39
IZOLMAT PLAN aquastoper® Al	39
IZOLMAT PLAN optimax® PV	39
IZOLVENT	40
IZOLMAT V60 S3,5 Al	40

traditional membranes

WIERZCHNIEGO KRYCIA W400/1200 (TOP LAYER MEMBRANE W400/1200)	40
PODKŁADOWA P333-I (BASE MEMBRANE P333-I)	40
IZOLACYJNA I-333 (INSULATING I-333)	41
PODKŁADOWA IZOLMAT P64/1200 (BASE MEMBRANE IZOLMAT P64/1200)	41
PODKŁADOWA P100/1200F (BASE MEMBRANE P100/1200F)	41

BITUMEN SHINGLES

Bitumen shingles	42
------------------------	----

IZOLMAT roll materials – parameters	43
---	----

PREMIUM

Nexler PREMIUM 56H (PYE PV250 S56)	44
Nexler PREMIUM ONE (PYE PV250 S53)	44
Nexler PREMIUM 53H (PYE PV250 S53)	44
Nexler PREMIUM 52H (PYE PV200 S52)	44
Nexler PREMIUM 40H (PYE PV180 S40)	45
Nexler PREMIUM 47 (PYE PV250 S47)	45
Nexler PREMIUM 40 (PYE PV200 S40)	45
Nexler PREMIUM 29 (PYE PV180 S29)	45
Nexler RENOVATION	46
Nexler MOST+	46
Nexler STICK	46

OPTIMUM

Nexler OPTIMUM 33 (PYE PV180 S33)	46
---	----

STANDARD

Nexler STANDARD 42H	47
Nexler STANDARD 30	47

PJ

Nexler PJ 53 H	48
Nexler PJ 52 H	48
Nexler PJ 52 H Medium	48
Nexler PJ 40	48
Nexler PJ G40 Medium	49
Nexler W400	49

NEXLER roll materials – parameters	50
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key, notes	51-54
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IZOHAN IZOBUD PENETRATOR G7

SBS-modified fast-drying priming solution



- **Use:** priming substrates beneath asphalt and asphalt-polymer membranes, heat-welded and self-adhesive ones; particularly useful for priming substrates beneath modified membranes; when applied in multiple coats can be used as damp proofing and protection of earth-sheltered wooden and metal elements.
- **Properties:** SBS-modified; fast-drying; perfect penetration into insulated surfaces; protects concrete against damp and corrosion; very good adhesion to mineral substrates; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.

► Available packages:



Composition	mix of asphalts, solvents, fillers, SBS and other improvers
Consumption	approx. 0.2 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 30 min.
Technical Approval	IBDiM AT/2013-02-3022
In compliance with	PN-B-24620

IZOHAN IZOBUD Br

asphalt - resin priming solution



- **Use:** priming mineral and bitumen substrates made of asphalt membranes before application of the main asphalt insulation; application of anticorrosion coatings; conservation of corroded concrete surfaces (limits further concrete corrosion process).
- **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush; improves substrate adhesion; perfect penetration into insulated surfaces; protects concrete against damp and corrosion; very good adhesion to any mineral substrates.

► Available packages:



Composition	mix of asphalts, solvents and improvers
Consumption	approx. 0.3 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 12 h
Technical Approval	IBDiM AT/2015-02-3187
In compliance with	PN-B-24620

IZOHAN IZOBUD SBS-Br

SBS-modified asphalt - resin priming solution



- **Use:** priming mineral and old coatings made of asphalt membranes before application of the main asphalt insulation; application of anticorrosion coatings, also on metal elements; conservation of corroded concrete surfaces (limits further concrete corrosion process).
- **Properties:** SBS-modified; perfect penetration into insulated surfaces; very good adhesion to mineral substrates; improves the substrates adhesion; forms coating resistant to atmospheric factors; protects concrete against damp and corrosion; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.

► Available packages:



Composition	mix of asphalts, solvents, SBS and other improvers
Consumption	approx. 0.3 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 12 h
Technical Approval	IBDiM AT/2015-02-3187
In compliance with	PN-B-24620

IZOHAN IZOBUD B

asphalt - resin mass





- **Use:** conservation and renovation of roofing membranes.
- **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush; perfect penetration into insulated surfaces; forms coating resistant to atmospheric factors; regenerates and conserves asphalt roofing membranes.

► Available packages:



Composition	mix of asphalts, solvents, fillers and improvers
Consumption	approx. 0.5 l/m ² per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
In compliance with	PN-B-24620



**IZOHAN IZOBUD SBS-B****SBS-modified asphalt renovating mass**

- **Use:** conservation and renovation of roofing membranes.
- **Properties:** SBS-modified; regenerates and conserves asphalt roofing membranes; forms coating resistant to atmospheric factors; keeps properties both in low and high temperature; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.
- **Available packages:**  



Composition	mix of asphalts, solvents, fillers, SBS and other improvers
Consumption	approx. 0.4–0.6 l/m ² depending on the substrate condition
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
In compliance with	PN-B-24620



IZOHAN IZOBUD Gr**asphalt - polymer – resin coat**

- **Use:** damp proofing of underground and ground level building elements in general and communication construction.
- **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a roofing brush; forms coating resistant to atmospheric factors; very good adhesion to concrete and brick.
- **Available packages:**  



Composition	mix of asphalts, resins, polymers, organic solvents, fillers and improvers
Consumption	approx. 0.7 l/m ² /per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
Technical Approval	IBDIM RT/2011-02-0080/1
In compliance with	PN-B-24620



IZOHAN IZOBUD SBS-Gr**SBS-modified, asphalt - polymer – resin coat**

- **Use:** damp proofing of underground and ground level building elements in general and communication construction.
- **Properties:** SBS-modified; very good adhesion to any mineral substrates; forms coating resistant to atmospheric factors; watertight; easy and quick in use (ready-to-use); can be applied with a roofing brush.
- **Available packages:**  



Composition	mix of asphalts, resins, polymers, organic solvents, fillers, SBS and other improvers
Consumption	approx. 0.7 kg/m ² /per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
Technical Approval	IBDIM RT/2011-02-0080/1
In compliance with	PN-B-24620

IZOHAN STYROTEX**SBS-modified, cold application adhesive**

- **Use:** fixing roofing polystyrene boards (EPS), XPS boards as well as foam glass onto concrete, trapezoid sheet and existing membrane; adhering roofing asphalt membrane layers in multi-layer roofing; fixing one- and two-side bitumen-laminated thermal insulation boards onto mineral and bitumen substrates.
- **Properties:** SBS-modified; easy and quick in use (ready-to-use); can be applied with a float or a trowel; perfect adhesion properties; resistant to atmospheric factors, low and high temperature; particularly resistant to short and long term weathering; very good adhesion to mineral substrates, membranes and sheet.
- **Available packages:**  



Composition	mix of asphalts, dearomatized solvents, fillers, SBS and other improvers
Consumption	approx. 0.5 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 5 h
Adhesion ability – membrane to membrane	245 ± 11N
In compliance with	PN-B-24620

IZOHAN IZOBUD SBS-tixo

SBS-modified asphalt-resin adhesive



► **Use:** fixing asphalt roofing membranes onto primed concrete substrates; adhering roofing asphalt membrane layers in multi-layer insulation; execution of damp proof, jointless building insulation in IZOHAN IZOBUD system; fixing mineral wool panels in flat roof thermal insulation.

► **Properties:** SBS-modified; easy and quick in use (ready-to-use); can be applied with a float or a roofing brush; perfect adhesion properties; resistant to atmospheric factors, low and high temperature; particularly resistant to short and long term weathering; very good adhesion to mineral substrates and membranes.

► Available packages:



Composition	mix of asphalts, solvents, fillers, SBS and other improvers
Consumption	approx. 0.7 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
Adhesion ability – membrane with membrane	260 ± 11N
In compliance with	PN-B-24620

IZOHAN IZOBUD Br-tixo

asphalt-resin adhesive



► **Use:** fixing asphalt roofing membranes onto primed concrete substrates; adhering roofing asphalt membrane layers in multi-layer insulation; fixing mineral wool panels in flat roof thermal insulation; execution of damp proof, jointless building insulation in IZOHAN IZOBUD system.

► **Properties:** easy and quick in use (ready-to-use); can be applied with a float or a roofing brush; perfect adhesion properties; forms insulation resistant to atmospheric factors; very good adhesion to primed mineral substrates and roofing membranes.

► Available packages:



Composition	mix of asphalts, solvents, fillers and improvers
Consumption	approx. 0.7 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
In compliance with	PN-B-24620

IZOHAN IZOBUD R

insulating and decorative coating



► **Use:** outdoor execution of insulating and decorative silver colour coatings; onto asphalt roofing membranes; onto bitumen roofing shingles; for eternit sealing; for conservation of zinc coated sheet elements.

► **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush; very good coating properties; reflects UV rays – reduces temperature in rooms beneath; forms silver colour coating resistant to atmospheric factors; very good adhesion to sheet, concrete and membranes.

► Available packages:



Composition	mix of asphalts, polymers and aluminum flake-like pigments
Consumption	0.15-0.3 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 2 h
Technical Approval	IBDIM RT/2011-02-0080 / 1
In compliance with	PN-B-24004

IZOHAN IZOBUD masa szpachlowa IZOHAN IZOBUD filling mass

filling mass



► **Use:** supplementary material for vertical damp proofing of walls and foundations with IZOHAN IZOBUD system; filling gaps in roofing membranes; repairs of mechanically damaged substrates previously coated with damp proofing masses IZOHAN IZOBUD B, IZOHAN IZOBUD SBS-B; flashings sealing.

► **Properties:** forms coating of sufficient hardness and high elasticity; easy and quick in use (ready-to-use).

► Available packages:



Composition	insulating asphalts, additives
Consumption	ok. 0.9 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Drying time	approx. 10 h
In compliance with	PN-B-24620



IZOHAN IZOBUD ROOFIX

roofing filling and repair mastic



- **Use:** filling and refilling gaps, repairs of roofing membranes (cracks, irregularities, blisters, leakages); supplementary material for vertical damp proofing of foundations with IZOHAN IZOBUD system (e.g. for sealing any installation passes); flashing sealing and fixing; repairs of mechanically damaged substrates previously coated with damp proofing masses IZOHAN IZOBUD B or IZOHAN IZOBUD SBS-B.
- **Properties:** owing to special chemical additives can be applied onto damp and wet substrates; addition of reinforcing fibres enables to reduce significant substrate moves; can be applied even during rain; can be used in contact with polystyrene; easy and quick in use (ready-to-use).

► Available packages:



Composition	insulating asphalts, dearomatised solvents, improvers
Consumption	approx. 0.9 kg/m ² /mm
Temperature of use	from +5°C up to +35°C
Drying time	approx. 10 h
In compliance with	PN-B-24620

IZOHAN IZOBUD IMS

KMB-type solvent damp proofing (thick-coat)



- **Use:** execution of main jointless vertical and horizontal damp proofing of any type with no reinforcing inserts.
- **Properties:** does not require leveling plasters; resistant to high water pressure (up to 0.8 MPa); forms coatings of sufficient hardness and high elasticity; easy and quick in use (ready-to-use).

► Available packages:



Composition	asphalts modified with polymers, reinforcing fibres, organic solvents
Consumption	0.9 – 1.0 kg/m ² /mm of coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 10 h
Technical Approval	IBDiM RT/2011-02-0080/1
In compliance with	PN-B-24620

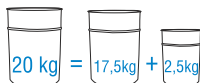
IZOHAN epoxy X9

epoxy-bitumen coat, type E



- **Use:** priming steel and concrete constructions used in sea, river or process water and in corrosive environment (after diluting with white spirit in 3:1 ratio [paint : spirit]); individual protection of concrete objects and steel elements in industry and construction of exposure class XA1, XA2, XA3, as well as ballast and waste water tanks, e.g. in municipal and industrial sewage treatment plants.
- **Properties:** very good adhesion to substrate; forms coating resistant to mechanic load (abrasion, impact); resistant to acid and alkaline sewage waste, sea and industrial water and atmosphere.

► Available packages:



Composition	asphalt, epoxy resin, hardener, white spirit
Consumption	0.3 kg/m ² priming 0.6 kg/m ² main coat
Mixing ratio	100:14 (comp. A : comp. B)
Recommended no. of coats	2
In compliance with	PN-C-81916

IZOHAN USZCZELNIACZ DEKARSKI KAUCZUKOWY IZOHAN RUBBER ROOFING SEALANT

plastic and elastic, one-component roofing putty, type I



- **Use:** roofing sealing, e.g. of flashings, chimneys, eaves, wind braces, gutters and downpipes joints, roofing membranes as well as roofs covered with tiles, sheets, asbestos boards, etc.
- **Properties:** forms strong durable plastic and elastic sealing of high flexibility; very good adhesion to membranes, bitumen, steel, ceramic, stone, wood, glass; can be used on dry and wet substrates; perfect resistance to weathering and atmospheric conditions; perfect resistance to UV rays.

► Available packages:



290 ml cartouche



12 cartouches in a carton box



Composition	SBS rubber, solvent, additives
Consumption	depending on the joint size
Temperature of use	from +5°C up to +40°C
Drying time	approx. 2 mm/24 h
Consistency	plastic paste
Thermal resistance	from -20°C up to +80°C
In compliance with	PN-B-30152



IZOHAN KLEJ DEKARSKI IZOHAN ROOFING ADHESIVE

permanently plastic and elastic, one-component roofing adhesive and sealant



- **Use:** fixing sheathing made of membrane, bitumen shingles, bitumen corrugated slabs, etc.; sealing joints between flashings, chimneys, eaves, wind braces, drains, skylights, roofing membranes; filling and refilling gaps in roofing membranes; emergency roofing repairs (removal of blisters, sealing cracks and membrane joints).
- **Properties:** very good adhesion properties; very good adhesion to mineral substrates and roofing membranes; particularly resistant to short and long term weathering; resistant to atmospheric conditions, high and low temperature; easy and quick in use (ready-to-use); hardens by solvent evaporation and forms highly elastic sealing.

► Available packages:  300 ml cartouche  12 cartouches in a carton box



Composition	asphalt, resins, solvent, fibres, additives
Consumption	0.8-1.2 kg/m ²
Temperature of use	from +5°C up to +40°C
Drying time	approx. 1 mm/24 h
Adhesion ability	approx. 320 N
Consistency	plastic paste
In compliance with	PN-B-24620

IZOHAN USZCZELNIACZ BITUMICZNY IZOHAN BITUMEN ROOFING SEALANT

permanently plastic and elastic bitumen sealant

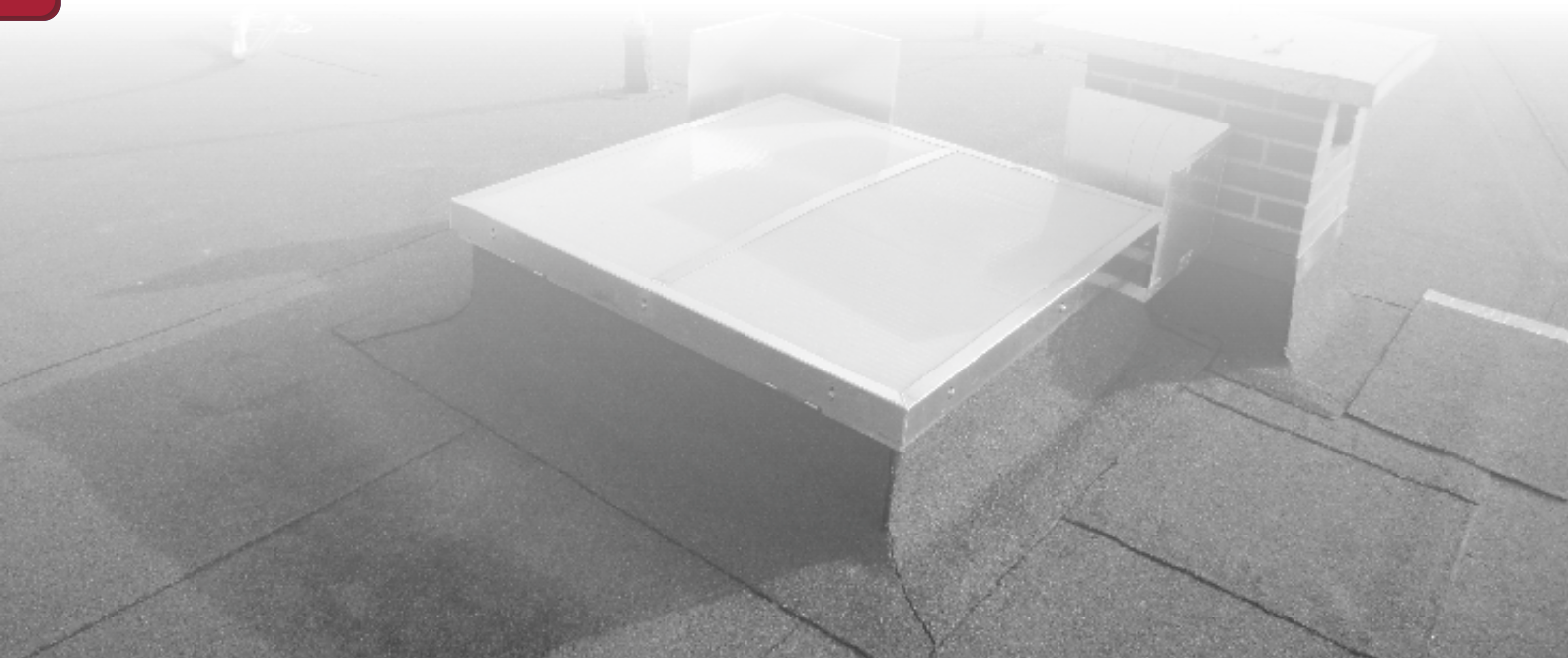


- **Use:** filling sheathing made of membranes, shingles, sheet, tiles; sealing joints between flashings, chimneys, eaves, wind braces, drains, skylights, roofing membranes; filling and refilling gaps in roofing membranes; emergency roofing repairs (removal of blisters, sealing cracks and membrane joints).
- **Properties:** can be used on dry and wet substrates; perfect resistance to weathering and atmospheric conditions; hardens by solvent evaporation and forms highly elastic sealing; very good adhesion to numerous bitumen and mineral substrates; safe in contact with polystyrene.

► Available packages:  300 ml cartouche  12 cartouches in a carton box



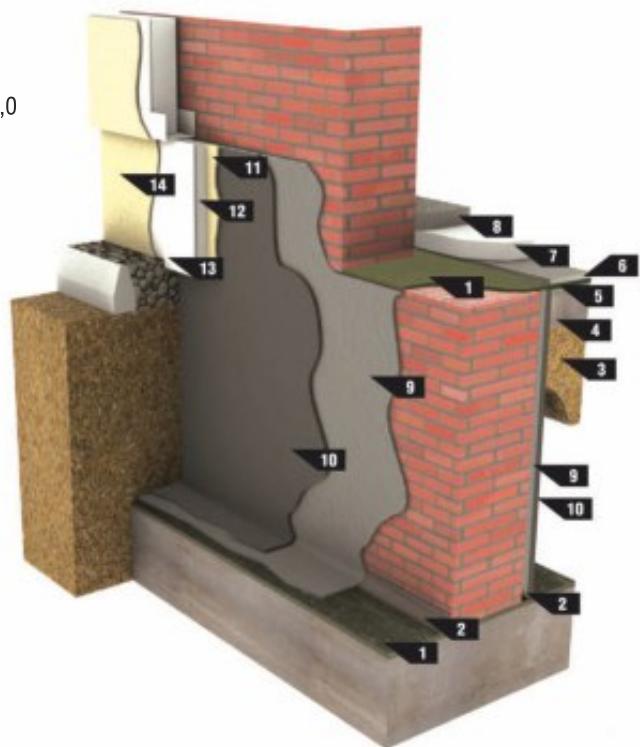
Composition	asphalt, dearomatised solvent, fibres, resins, additives
Consumption	depending on the joint size for fixing: 0.8-1.2 kg/m ²
Temperature of use	from +5°C up to +40°C
Drying time	approx. 1 mm/24 h
Consistency	plastic paste
In compliance with	PN-B-30152





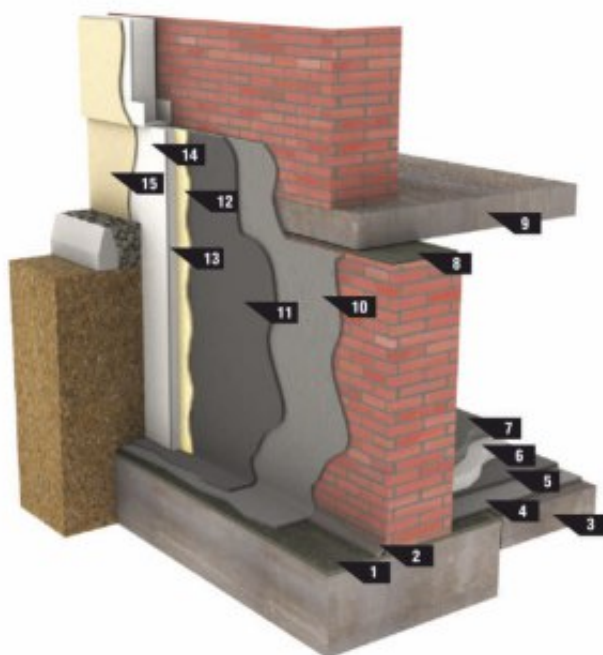
FOUNDATION DAMP PROOFING WITH BITUMENT SOLVENT SYSTEM

- 1** Horizontal insulation – heat welded membrane IZOLMAT PLAN PYE G200 S4,0
- 2** Cove made of IZOHAN IZOBUD IMS
- 3** Thinned sand
- 4** Lean concrete
- 5** IZOHAN IZOBUD WL or IZOHAN DYSPERBIT diluted with water in 1:1 ratio
- 6** IZOHAN IZOBUD WM or WM 2K
- 7** Thermal insulation - polystyrene EPS or XPS
- 8** Concrete screed
- 9** IZOHAN IZOBUD Br/SBS-Br/PENETRATOR G7
- 10** IZOHAN IZOBUD Gr/SBS-Gr
- 11** IZOHAN EKOLEP
- 12** Thermal insulation – Polystyrene EPS or XPS
- 13** Cement adhesive mortar with fiberglass mesh embedded
- 14** Plinth finishing coat, e.g. mosaic render or clinker tiles



FOUNDATION WATERPROOFING WITH BITUMENT SOLVENT SYSTEM

- 1** Horizontal insulation – heat welded membrane IZOLMAT PLAN PYE G200 S4,0
- 2** Cove made of IZOHAN IZOBUD IMS
- 3** Lean concrete
- 4** IZOHAN IZOBUD WL or IZOHAN DYSPERBIT diluted with water in 1:1 ratio
- 5** IZOHAN IZOBUD WM or WM 2K
- 6** Polystyrene EPS or XPS
- 7** Concrete screed
- 8** Heat welded membrane IZOLMAT PLAN PYE G200 S4,0
- 9** Ceiling
- 10** IZOHAN IZOBUD Br/SBS-Br/PENETRATOR G7
- 11** IZOHAN IZOBUD IMS
- 12** IZOHAN EKOLEP
- 13** Polystyrene EPS or XPS
- 14** Cement adhesive mortar with fiberglass mesh embedded
- 15** Plinth finishing coat, e.g. mosaic render or clinker tiles



IZOHAN DYSPERBIT

dispersion asphalt-rubber mass, Dn



- **Use:** renovation and conservation of roofing coatings; damp proofing; execution of jointless roofing coatings reinforced with technical fabrics; execution of jointless roofing coatings on base coat made of single roofing membrane layer; priming mineral substrates beneath main insulation after diluting with water in 1:1 ratio.
- **Properties:** easy and quick in use (ready-to-use); can be used on dry and damp substrates; very good adhesion to mineral substrates and roofing membranes; with thixotropic properties; solvent-free; watertight; resistant to atmospheric factors.

► Available packages:



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	priming 0.2 kg/m ² damp proofing 1.5 kg/m ² /mm roofing coatings 0.5 kg/m ² per coat
Temperature of use	from +5°C up to +25°C (product and substrate)
Technological break between application of subsequent coats	approx. 5 h
Technical Approval	IBDIM AT/2005-03-1953/3
In compliance with	PN-B-24000

IZOHAN IZOBUD WL

dispersion asphalt-rubber mass, Dn



- **Use:** fixing hard polystyrene boards (EPS); priming mineral substrates beneath main insulation in IZOHAN IZOBUD W system (after diluting with water in 1:1 ratio); execution of jointless damp proofing of underground building elements.
- **Properties:** very good fixing properties and adhesion to mineral substrates; easy and quick in use (ready-to-use); can be applied with a paint brush, a float or a roofing brush; solvent-free; watertight; forms insulation resistant to atmospheric factors.

► Available packages:



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	priming 0.2 kg/m ² damp proofing 0.6 - 0.8 kg/m ² per coat EPS fixing 1.0 - 1.5 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time/ resistance to rain	up to 6 h/after 6 h
Technical Approval	IBDIM AT/2005-03-1953/3
In compliance with	PN-B-24000

IZOHAN IZOBUD WK

dispersion waterproofing and adhesive mass, Dn



- **Use:** fixing EPS and XPS boards onto non-absorptive substrates (sheet), absorptive ones (concrete) and polystyrene boards between themselves; fixing one- and two-side bitumen-laminated polystyrene boards and asphalt membranes to concrete substrates and between themselves in multi-layer waterproofing; execution of waterproofing coats; fixing membranes to polystyrene; fixing hard mineral wool panels.
- **Properties:** very good fixing properties; very good adhesion to concrete substrates, sheet, roofing membranes, etc.; solvent-free; watertight; easy and quick in use (ready-to-use); can be applied with a float or a spatula.

► Available packages:



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	0.8 - 1.3 kg/m ²
Temperature of use	from +10°C up to +25°C
Coat forming time	up to 6 h
Strength peeling membrane from polystyrene	18,3 N ± 1,8 N
In compliance with	PN-B-24000

IZOHAN IZOBUD WK plus

two-component dispersion asphalt-rubber mass, Dn-type



- **Use:** fixing EPS and XPS boards onto non-absorptive substrates (sheet, membrane), absorptive ones (concrete) and polystyrene boards between themselves; fixing one- and two-side bitumen-laminated polystyrene boards; fixing roofing membranes to polystyrene; fixing asphalt membranes to concrete substrates and between themselves in multi-layer waterproofing coats; fixing hard mineral wool panels; execution of waterproofing coats.
- **Properties:** gets adhesion properties in short time; perfect fixing properties; very good adhesion to absorptive and non-absorptive substrates; solvent-free (safe in contact with insulating boards of any type); easy and quick in use; can be applied with a float or a spatula.

► Available packages:



Composition	component A: water dispersion of asphalts, rubbers and improvers component B: mineral filler
Consumption	0,8-1,3 kg/m ²
Temperature of use	from +5°C up to +25°C
Coat forming time	up to 6 h
Strength peeling membrane from polystyrene	approx. 18.0 N
In compliance with	PN-B-24000

IZOHAN IZOBUD WM

one-component dispersion waterproofing mass, KMB-type (thick coat), Bn



► **Use:** execution of main, jointless waterproofing of vertical and horizontal underground and ground level building elements of any type (foundation walls, basement walls, foundation slabs); fixing hard polystyrene boards (EPS); execution of vapour barrier (terraces, flat roofs); insulation of floors based on the ground; insulation of reversed terraces with IZOHAN EKO 2K.

► **Properties:** easy and quick in use (ready-to-use); does not require reinforcing insertions and leveling plaster; forms coatings of sufficient hardness and high elasticity; solvent-free; coats cracks; reinforced with microfibers; can be used on any mineral substrates; resistant to high water pressure (up to 0.8 MPa); can be used on dry and slightly damp substrates; resistant to aggressive substances commonly met in the ground acc. to PN-EN 206-1; safe in contact with polystyrene.

► Available packages:



Composition	water dispersion of asphalts, fillers, rubbers and improvers
Consumption	1,5 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Coat forming time / resistance to rain	up to 4 h (for coat 1 mm thick) / after 12 h
Technical Approval	IBDiM AT/2005-03-1953/3
In compliance with	PN-B-24000

IZOHAN IZOBUD WM 2K

two-component waterproofing dispersion, KMB-type (thick coat), Bn



► **Use:** insulation and protection of buildings and building elements located below the ground level against ground damp, pressure-less water and water under pressure; execution of vapour barrier (terraces, flat roofs); insulation of floors based on the ground; insulation of reversed terraces with IZOHAN EKO 2K.

► **Properties:** dry component accelerates binding; resistant to high water pressure (up to 0.8 MPa); forms coatings of sufficient hardness and high elasticity; solvent-free; can be used on any mineral substrates; coats cracks; can be used on dry and slightly damp substrates; easy and quick in use; resistant to aggressive substances commonly met in the ground acc. to PN-EN 206-1.

► Available packages:



Composition	water dispersion of asphalts and rubbers with mineral filler
Consumption	1,3 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Coat forming time / resistance to rain	approx. 4 h / after 2 h
Technical Approval	IBDiM AT/2011-02-2728
In compliance with	PN-B-24000

IZOHAN IZOBUD WM 2K plus

two-component waterproofing dispersion with polystyrene filling, KMB-type (thick coat), Bn



► **Use:** insulation and protection of buildings and building elements located below the ground level against ground damp, pressure-less water and water under pressure.

► **Properties:** does not require reinforcing insertions and leveling plaster; resistant to high water pressure (up to 0.8 MPa); forms coatings of sufficient hardness and high elasticity; solvent-free; easy and quick in use; can be used on any mineral substrates; coats cracks; can be used on dry and slightly damp substrates; resistant to aggressive substances commonly met in the ground acc. to PN-EN 206-1.

► Available packages:



Composition	water dispersion of asphalts and rubbers with polystyrene filler, mineral fillers
Consumption	0,8 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Coat forming time / resistance to rain	approx. 4 h / after 3 h
In compliance with	PN-B-24000

IZOHAN IZOBUD WB

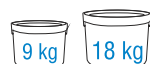
dispersion asphalt-rubber mass, Dn



► **Use:** renovation and conservation of roofing coatings; reconstruction of membrane granules.

► **Properties:** regenerates and conserves roofing membranes; can be used on dry and damp substrate; with thixotropic properties; solvent-free; forms insulation resistant to atmospheric factors; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.

► Available packages:



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	0,25-0,50 kg/m ²
Temperature of use	from +5°C up to +30°C
Technological break between application of subsequent coats	min. 5 h
Drying time	approx. 5 h
In compliance with	PN-B-24000

IZOHAN IZOBUD WA

waterborne asphalt-rubber emulsion



► **Use:** priming mineral substrates beneath main insulation after diluting with water in 1:2 ratio (water: IZOBUD WA) for non-absorptive substrates; priming mineral substrates beneath main insulation after diluting with water in 1:1 ratio (water: IZOBUD WA) for absorptive substrates; execution of damp proofing coats.

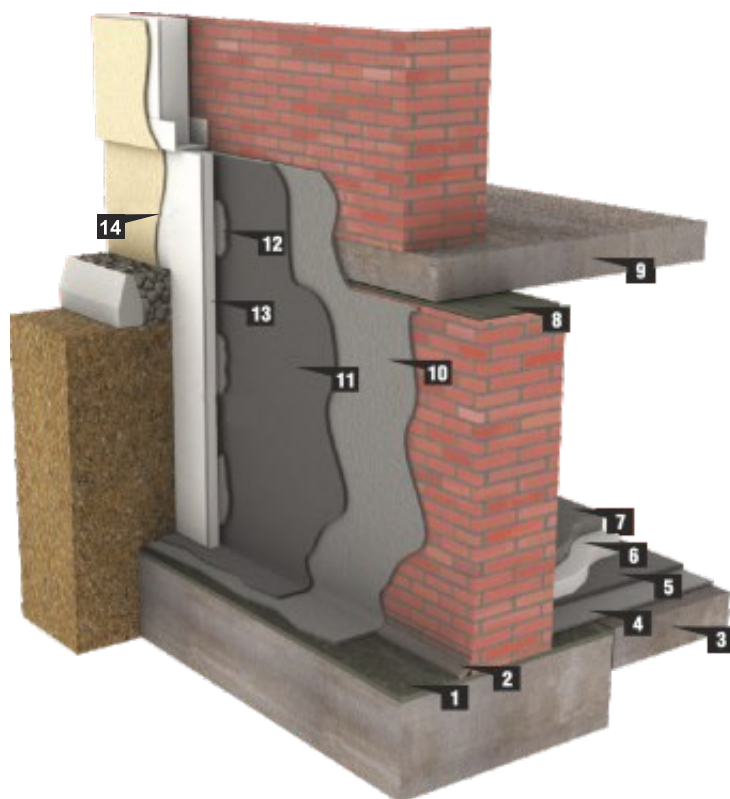
► **Properties:** very good adhesion to non-absorptive and absorptive substrates; can be used on dry and damp substrate; factors; easy and quick in use; solvent-free (safe in contact with polystyrene); watertight; resistant to atmospheric factors.

► Available packages:



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	priming: 0,2 kg/m ² damp proofing: 1,5 kg/m ²
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	min. 5 h
Drying time	≤ 6 h
In compliance with	PN-B-24002

FOUNDATIONS DAMP PROOFING WITH BITUMEN WATERBORNE SYSTEM (DISPERSION).



- | | |
|--|--|
| 1 IZOHAN EKO 1K | 9 Ceiling |
| 2 IZOHAN renobud R-103 cove made of PCC mortar, radius approx. 5 cm | 10 IZOHAN IZOBUD WL/DYSERBIT |
| 3 Lean concrete | 11 IZOHAN IZOBUD WM/WM2K/WM2K plus |
| 4 IZOHAN DYSERBIT | 12 IZOHAN IZOBUD WL/WK/WK plus/STYROPUK FUNDAMENT (STYROPUK FOUNDATION) |
| 5 IZOHAN IZOBUD WM /WM 2K | 13 Thermal insulation |
| 6 Thermal insulation | 14 Rendering coat on cement adhesive mortar with fiberglass mesh embedded |
| 7 Concrete screed | |
| 8 IZOHAN EKO 1K | |



IZOHAN GRUNT UNIWERSALNY IZOHAN GENERAL USE PRIMING SOLUTION



general-use priming solution, type III

- **Use:** priming highly absorptive substrates prior to adhesive mortars use; protection and reduction of absorptiveness of porous substrates: plasters, concrete, screeds; prevents too quick drying of adhesive mortars, screeds, fillers and paints; protects concrete surfaces against excessive abrasion and moisture action (can be used in rooms with intensive foot traffic); priming old mineral substrates before application of new coats in order to improve their adhesion (bonding layer).
- **Properties:** improves surface adhesion and its scratch resistance; regulates the substrate absorption process; strengthens the surface; prevents concrete surfaces from dusting; ecological, friendly to environment and humans.

- Available packages: 1 kg 5 kg

Composition	dispersion of plastics, additives
Consumption	0,1-0,2 kg/m ²
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	approx. 1 h
In compliance with	PN-C-81906



IZOHAN EKOLEP

acrylic paste adhesive mortar, D2TE

- **Use:** fixing polystyrene boards (EPS, XPS) and mineral wool panels to: cement and anhydrite screeds, plasterboards, gypsum plasters, concrete, wood, roofing membranes, bitumen coatings; fixing ceramic tiles onto difficult substrates, tiles on tiles, onto vertical and horizontal surfaces; for indoor and outdoor use.
- **Properties:** easy in use; watertight; flexible, keeps flexibility in wide range of temperature; sets with no contraction; frost-resistant; does not destroy mineral wool and polystyrene; recommended onto heated floors; ecological – solvent-free.

- Available packages: 10 kg



Composition	dispersion of plastics, additives
Consumption	contact coat: 0.7 kg/m ² insulation boards fixing: 1.5 kg/m ² tiles fixing: 1.5-3.7 kg/m ²
Temperature of use	from +5°C up to +25°C
Initial shear strength	≥ 1,0 N/mm ²
In compliance with	PN-EN 12004



IZOHAN EKO 1K

one-component waterproofing resistant to negative water pressure, CM, O



- **Use:** proofing against damp penetrating from the outside (bath-like type); horizontal damp proofing, particularly where it cannot be executed with roll materials (technological breaks in monolithic constructions); sealing external underground building elements subject to groundwater action (also under pressure) in old and contemporary construction; tanks sealing.
- **Properties:** limits the concrete carbonization process; enables water evaporation from damp constructions; can be tiled directly; resistant to UV rays; resistant to aggressive chemical solutions; resistant to petrol and oils; for indoor and outdoor use; onto vertical and horizontal surfaces; resistant to waste water and pool water; prevents sulfate salts salinity and slightly limits chloride ions penetration.

► Available packages: 15 kg



Composition	dry, modified cement mix
Consumption	approx. 1.5 kg/m ² /mm coat
Temperature of use	from +8°C up to +30°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN 14891

IZOHAN EKO 2K

two-component flexible waterproofing, CM, O



- **Use:** sealing buildings of any height, in old and contemporary construction indoors and outdoors; waterproofing terraces and balconies; sealing external basement walls and foundations subject to shrinkage cracks; sealing: swimming pools, slurry tanks, waste water tanks, utility and drinking water tanks, refuse dumps, car washes.
- **Properties:** limits the concrete carbonization process; enables water evaporation from damp constructions; resistant to aggressive chemical solutions; solvent-free; highly elastic; cracks bridging; resistant to UV rays; resistant to petrol and oils; for indoor and outdoor use.

► Available packages:



Composition	water dispersion of plastics, modified cement mix
Consumption	approx. 1.5 kg/m ² /mm
Temperature of use	+8°C do +30°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN 14891

IZOHAN KRYSTALIZATOR K6

mineral coating for crystalline sealing



- **Use:** sealing concrete and ferroconcrete surfaces in industrial, hydrotechnical, sanitary, energetic and general construction; surface sealing and protection of: waste water tanks, drinking water tanks, hydrotechnical objects, swimming pools, foundations and basements; sealing objects subject to positive and negative water pressure; for old as well as contemporary buildings.
- **Properties:** seals pores in the substrate, forms watertight insulating coating; forms additional sub-surface substrate sealing by crystallization of active chemical compounds in the concrete pores; resistant to aggressive environment of exposure class XA3, resistant to chemicals; can be applied onto fresh, wet concrete; can be used on cement plasters, bricks, stone; bridges cracks up to 0.4 mm; resistant to chloride and ozonated water; can be used in drinking water tanks; water vapour permeable

► Available packages:



Composition	Portland cement, fine aggregate, chemical additives
Consumption	1.1-1.5 kg/m ² , per coat
Temperature of use	from +15°C up to +20°C
Initial setting time	≥ 60 min.
In compliance with	PN-EN 1504-2

IZOHAN EKOFOLIA

IZOHAN ECO-FOIL
semi-liquid damp proofing foil, DM



- **Use:** jointless coat sealing in intensively damp rooms prior to ceramic tiles fixing, proofing surfaces easily absorbing damp; for indoor use; can be applied onto any construction material: concrete, plaster, screed, gypsum plaster, plasterboards, floor heating systems.
- **Properties:** forms jointless coating of high insulating properties; good adhesion to damp proofed surfaces; very elastic and watertight; enables evaporation of water from damp elements; forms perfect insulating bed beneath ceramic tiles; ecological – solvent-free; dries quickly.

► Available packages:



Composition	dispersion of plastics, additives
Consumption	0.4-0.8 kg/m ² , per 2 coats
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	approx. 4 h
In compliance with	PN-EN 14891



IZOHAN SZCZELNA ŁAZIENKA IZOHAN WATERTIGHT BATHROOM

semi-liquid damp proofing foil, DM



- **Use:** jointless coat sealing in intensively damp rooms (bathrooms, toilets, laundries, dyers, etc.) prior to ceramic tiles fixing; proofing surfaces easily absorbing damp (e.g. plasterboards, gypsum plasters, gypsum-fibre boards, etc.); for indoor use; can be applied onto any construction material: concrete, plaster, screed, gypsum plaster, plasterboards, with floor heating systems.
- **Properties:** forms jointless coating of high insulating properties; good adhesion to insulated surfaces; very elastic and watertight; forms perfect insulating bed beneath ceramic tiles; ecological – solvent-free; dries quickly.

► Available packages:



Composition	dispersion of plastics, additives
Consumption	1,0-1,2 kg/m ²
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	approx. 4 h
In compliance with	PN-EN 14891

IZOHAN SZCZELNY FUNDAMENT IZOHAN WATERTIGHT FOUNDATION

rigid sealing micro-mortar



- **Use:** indoor sealing against damp penetrating from the outside (bath-like type); sealing outdoor underground building elements subject to groundwater action (also under pressure) in old and contemporary construction; damp proofing in general, communication and hydrotechnical construction; sealing water, waste water, water treatment tanks.
- **Properties:** limits the concrete carbonization process; enables free water evaporation from damp constructions; resistant to negative and positive water pressure; for indoor and outdoor use on horizontal and vertical surfaces; prevents sulfate salts salinity and slightly limits chloride ions penetration; resistant to waste water and pool water.

► Available packages:



Composition	dry modified cement mix
Consumption	approx. 1.5 kg/m ² / mm
Temperature of use	from +8°C up to +25°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN 1504-2

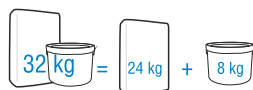
IZOHAN SZCZELNY TARAS IZOHAN WATERTIGHT TERRACE

two-component, elastic waterproofing for terraces and balconies, CM, O



- **Use:** waterproofing terraces and balconies, can be tiled directly; waterproofing screeds.
- **Properties:** perfect beneath ceramic cladding; can be applied onto damp substrate; fixing ceramic tiles just after 24 h; solvent-free; elastic, cracks bridging; resistant to UV rays; for outdoor use on horizontal and vertical surfaces.

► Available packages:



Composition	water dispersion of plastics, modified cement mix
Consumption	approx. 1.5 kg/m ² / mm
Temperature of use	from +8°C up to +25°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN 14891

IZOHAN EKODACH IZOHAN ECO-ROOF

insulating and decorative coating



- **Use:** ecological insulating and decorative coating on any roofing sheathings: membranes, bitumen shingles, smooth concrete, ceramic roofing tiles, sheet, zinc coated sheet, chimney pots, balusters, etc.
- **Properties:** watertight; resistant to re-emulgation; durable and frost-resistant; resistant to dry friction; easy and quick in use (ready-to-use); very good coating properties; resistant to atmospheric factors (e.g. acid rain, UV rays); very good adhesion to substrate, tearing off possible only with damage to the substrate; resistant to acids and bases; resistant to water, water with soap and scrubbing.

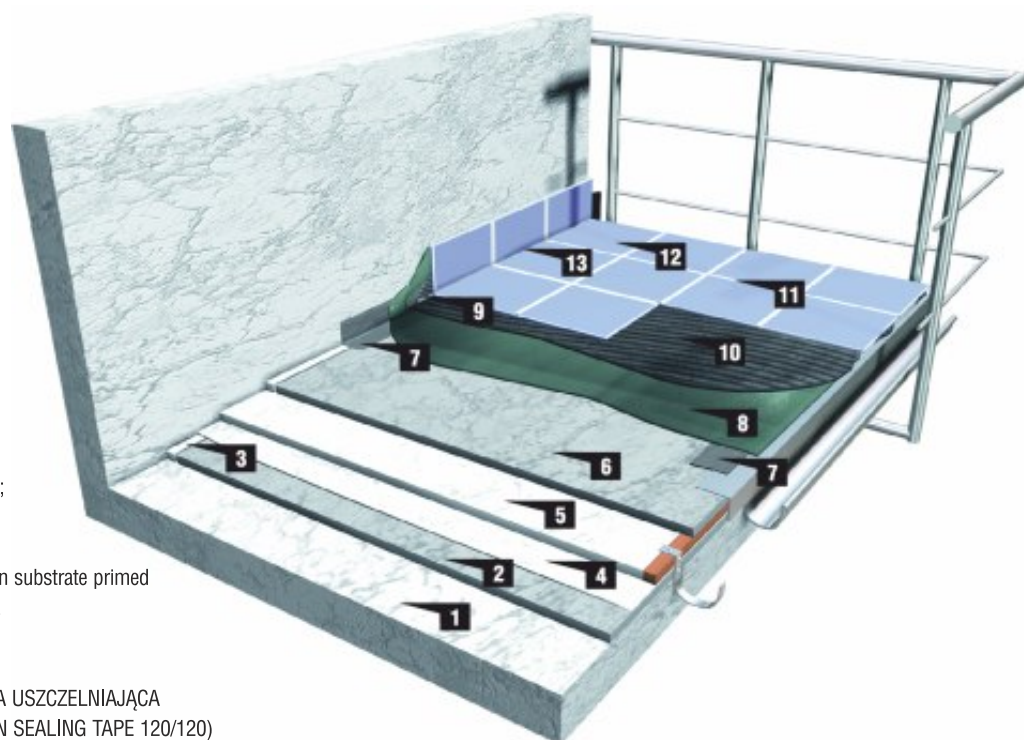
► **Main colours:** green, red, brown, black (other on custom order)

► Available packages:



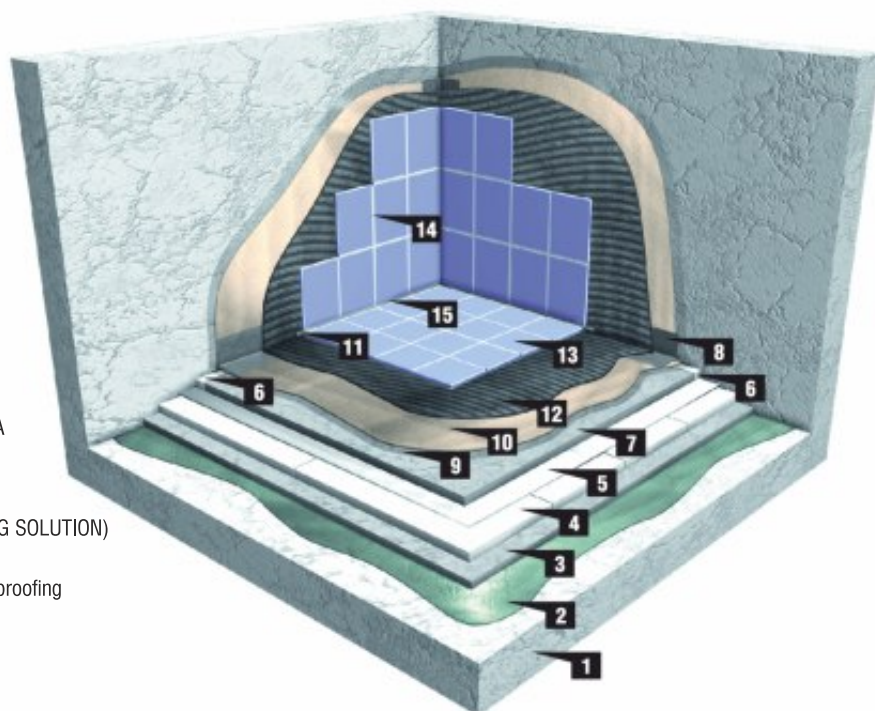
Composition	dispersion of plastics, additives, pigment
Consumption	approx. 0.4-0.5 kg/m ² per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 4 h
In compliance with	PN-C-81913

WATERPROOFING TERRACES AND BALCONIES WITH MINERAL SYSTEM



- 1 Construction slab
- 2 IZOHAN renobud R-103/ R-104 on contact coat;
IZOHAN renobud R-102 slope screed
- 3 Spacer
- 4 IZOHAN IZOBUD WM/ WM 2K vapour barrier on substrate primed
with IZOHAN DYSPERBIT, IZOHAN IZOBUD WL
- 5 Thermal insulation
- 6 Pressure layer
- 7 IZOHAN SZCZELNA TAŚMA lub IZOHAN TAŚMA USZCZELNIAJĄCA
(IZOHAN WATERTIGHT TAPE 120/70 or IZOHAN SEALING TAPE 120/120)
- 8 IZOHAN EKO 2K/ IZOHAN SZCZELNY TARAS(IZOHAN WATERTIGHT TERRACE) – main waterproofing
- 9 IZOHAN backer rod
- 10 IZOHAN renobud C-520 – flexible adhesive mortar
- 11 IZOHAN renobud C-503 – flexible grout
- 12 Ceramic cladding
- 13 IZOHAN EKO polimer 45 – MS polymer – based sealant

BATHROOM DAMP PROOFING



- 1 Ferroconcrete ceiling slab
- 2 IZOHAN renobud R-102 – contact coat
- 3 IZOHAN renobud R-105 – leveling screed
- 4 Thermal and/or acoustic insulation
- 5 1.PR foil 0.2 mm thick
- 6 Elastic spacer
- 7 Concrete screed
- 8 IZOHAN SZCZELNA TAŚMA lub IZOHAN TAŚMA USZCZELNIAJĄCA
(IZOHAN WATERTIGHT TAPE 120/70
or IZOHAN SEALING TAPE 120/12)
- 9 IZOHAN GRUNT UNIWERSALNY (IZOHAN GENERAL-USE PRIMING SOLUTION)
- 10 IZOHAN EKOFOLIA lub IZOHAN SZCZELNA ŁAZIENKA
IZOHAN ECO-FOIL or IZOHAN WATERTIGHT BATHROOM – damp proofing
- 11 IZOHAN backer rod
- 12 IZOHAN renobud C-510 – adhesive mortar
- 13 Ceramic tiles
- 14 IZOHAN renobud C-504/ IZOHAN epoxy C-505
– cement or epoxy grout
- 15 IZOHAN EKO polimer 45 – MS polymer – based sealant



IZOHAN grzybochron

IZOHAN protection against fungi and mould infestation



preparation for protection against fungi and mould infestation



- **Use:** protection of mineral construction materials against growth of mould: *Aspergillus niger*, *Aspergillus terreus*, *Paecilomyces variotii*, *Penicillium funiculosum*, *Penicillium ochrochloron*, *Scopulariopsis brevicaulis*, *Trichoderma viride* as well as fungi from Basidiomycetes class.
- **Properties:** efficiently protects against growth of mould and fungi destroying the construction material structure; penetrates well construction materials such as: concrete, cement and cement-lime mortars; easy and quick in use; protection can be done independently, no special equipment required.

► Available packages:



Composition	dispersion of plastics with addition of biocides
Consumption	approx. 0,3 l/m ²
Temperature of use	from +5°C up to +25°C
Consistency	liquid
Colour	milky white
Authorization for a biocide	nr 3092/07

IZOHAN grzybostop

IZOHAN preparation treatment of fungi and mould



preparation for treatment of fungi and mould



- **Use:** fumigation of mineral construction materials; destruction of fungi from Basidiomycetes class as well as mould: *Aspergillus niger*, *Aspergillus terreus*, *Paecilomyces variotii*, *Penicillium funiculosum*, *Penicillium ochrochloron*, *Scopulariopsis brevicaulis*, *Trichoderma viride*.
- **Properties:** efficiently eliminates mould and fungi destroying the construction material structure; penetrates well construction materials such as: concrete, cement and cement-lime mortars; easy and quick in use; fumigation can be done independently, no special equipment required.

► Available packages:



Composition	biocide water dispersion
Consumption	approx. 0,1 l/m ²
Temperature of use	from +5°C up to +25°C
Consistency	liquid
Authorization for a biocide	nr 3091/07

IZOHAN wodochron W

IZOHAN waterproofing emulsion



concentrated silicone micro-emulsion



- **Use:** execution of horizontal waterproofing (membrane) against water capillary rising (prevents damp from spreading from the wall bottom), for walls of moisture content up to 90% and maximum salts concentration 1% of mass; for pressure-less (gravitational) and pressure injection.
- **Properties:** micro-emulsion assures preparation penetration within the smallest capillaries; efficient in case of high level of wall damp and very thick walls; does not form salts destroying the building; particularly efficient when low-pressure injected; waterproofing can be executed without any breaks in the building operation.

► Available packages:



Composition	silicone micro-emulsion
Consumption	approx. 1,5-2,0 l of concentrate/m ² of the wall cross section
Temperature of use	from +5°C up to +25°C
Consistency	liquid
Colour	milky white
Technical Recommendation	ITB-1214/2011

IZOHAN farba przeciwwodna

IZOHAN watertight coating



watertight coating



- **Use:** renovation of damp walls; onto concrete and standard plasters of any type, painted and not painted, plasterboards, brick, stone; for proofing ponds and small pools, fountains (after appropriate surface preparation).
- **Properties:** watertight; resistant to re-emulgation; vapour-tight; acid- and base-tight; durable; easy and quick in use (ready-to-use); prevents surface salinity; very good coating abilities; resistant to dry friction; very good adhesion to substrate; resistant to water and water with soap action as well as scrubbing.
- **Basic colours:** white, beige, sea blue, blue.

► Available packages:



Composition	mix of plastics, additives, pigment
Consumption	0,8 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 4 h
In compliance with	PN-EN 1062-1

IZOHAN impregnat IPC - IZOHAN impregnant IPC

impregnant for ceramic substrates



► **Use:** impregnation of any ceramic surfaces, particularly roofing tiles and bricks as well as ceramic tiles, terracotta, natural stone, sandstone, gypsum; used where aesthetics as well as resistance of impregnated surfaces to soiling or atmospheric conditions required.

► **Properties:** strengthens and hydrophobizes mineral construction materials and sand; penetrates deeply, dries quickly, gives perfect long term hydrophobization result, even after substantial dilution; forms vapour-permeable and colourless coating; perfectly reduces absorption of water and dissolved salts (e.g. chlorides); significantly reduces white efflorescence on the surface; resistant to alkaline environment; can be used as a binder for silicate-based paints.

► Available packages:



Composition	silicone-silicate concentrate, approx. 60% of active components, water dilutable, with no VOC
Penetration depth	5-8 mm
Consumption	approx. 0,3-0,4 l/m ²
Temperature of use and storage	from +5°C up to +30°C
Water absorption after 24 h after application	max. 1%

IZOHAN impregnat IB - IZOHAN impregnant IB

impregnant for concrete



► **Use:** impregnation of any concrete and ferroconcrete surfaces; impregnated surface keeps the same or very similar appearance; significantly reduces absorption of water by concrete substrates; used where aesthetics as well as resistance of impregnated surfaces to soiling or atmospheric conditions required.

► **Properties:** significantly delays water and chlorides absorption by concrete; reduces concrete degradation caused by road salt; high resistance to alkalis; penetrates deeply; improves the surface resistance against atmospheric conditions (frost, rain).

► Available packages:



Consumption	approx. 0.17-0.2 l/m ² depending on substrate absorptiveness
Drying time	2 h
Content of silanes	99%
Penetration depth	≥ 10 mm
Drying rate	30%
Water vapour permeability	100%
In compliance with	PN-EN 1504-2

IZOHAN impregnat W2 - IZOHAN impregnant W2

impregnant for wood, O, Gp



► **Use:** protection of wooden elements against wood pests (insects); protection against growth of fungi destroying wood – *Coniophora puteana*, causing blue stain – *Aureobasidium pullulans*, *Scierophoma pithyophila*, causing surface mould – *Cladosporium sphaerospermum*, *Aspergillus niger*, *Penicillium funiculosum*.

► **Properties:** efficiently protects wooden construction elements against mould, fungi destroying the structure as well as insects; very good preserving properties; easy and quick in use; application can be done independently, no special equipment required; spray-applied or applied with a paint brush; forms colourless protecting coating resistant to changeable weather conditions.

► Available packages:



Composition	chloroparaffin, linseed oil, organic solvent, mix of zinc octanoate, tolylfluorid, cypermethrine
Consumption	approx. 0.33 l/m ² when used 2-3 times 27 l/m ³ of wood
Temperature of use	from +5°C up to +25°C
Consistency	oily
In compliance with	PN-C-04906

IZOHAN STRAŻNIK BRUKU IZOHAN PAVEMENT GUARD

impregnant for sett



► **Use:** impregnation and sealing substrates made of sett where aesthetics as well as resistance to any stains and atmospheric conditions required. Particularly recommended for surfaces close to houses, shops, petrol stations, pedestrian and vehicle routes; the preparation should not be used on surfaces made of clinker brick. It is advisable to perform a test on facings made of lime, sandstone and other natural stone.

► **Properties:** improves the surface appearance; limits abrasiveness; strengthens the colour; protects the surface against durable stains of oil and other contaminants (but does not clean the existing ones); improves the surface resistance against atmospheric conditions (frost, rain); available in two versions: semi-matt and gloss.

► Available packages:



Composition	synthetic resins, organic solvents, additives
Consumption	0,17-0,2 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	2h
Technical approval	IBDIM AT/2005-03-1876/2
Available versions	semi-matt and gloss

IZOHAN epoxy P-405

epoxy paint, B



- **Use:** IZOHAN epoxy P-405 can be used outdoors, e.g. on balconies and indoors: in residential, public access buildings, garages, industrial halls, storage rooms, warehouses, including the food industry facilities, e.g. dairies, butcheries, bakeries, breweries, etc.
- **Properties:** forms durable coating resistant to mechanical factors and well adhering to the substrate; resistant to point and prolonged loads; resistant to high temperature (up to approx. 120°C), water action, cleaning agents, disinfectants and chemicals; resistant to damage caused by car tires; very good coating properties.
- **Basic colours:** light grey, dark grey, graphite, light green, sea blue, dark green, beige (ivory), brick-red, light blue, dark blue

- **Available packages:**  6 kg 2-component epoxy paint



Composition	epoxy resin, hardener, pigment
Consumption	0,2-0,4 kg/m ²
Temperature of use	from +8°C up to +25°C
Drying time	up to 24 h (grade 6)
In compliance with	PN-C-81916

IZOHAN epoxy P-406

impregnant, epoxy lacquer



- **Use:** for painting horizontal and vertical surfaces indoors and outdoors, at points subject to constant moisture, on surfaces previously coated with epoxy coatings, e.g. IZOHAN epoxy P-405; on industrial, garage and decorative floors; for impregnation of concrete surfaces, for strengthening absorbable surfaces of low strength.
- **Properties:** forms durable coating resistant to mechanic factors and well adhering to the substrates, also difficult ones (e.g. ceramic tiles); resistant to point and prolonged loads (scratching); resistant to high temperature (up to approx. 120°C), water action, cleaning agents, disinfectants and chemicals; resistant to damage caused by car tires; forms satin, colourless top surface finish.

- **Available packages:**  3 kg 2-component epoxy impregnant



Composition	epoxy resin, hardener, additives
Consumption	0,1-0,2 kg/m ²
Temperature of use	from +8°C up to +25°C
Drying time	up to 24 h (grade 6)
In compliance with	PN-EN-1504-2

IZOHAN epoxy EP-601

epoxy primer, B



- **Use:** for priming mineral and steel substrates prior to application of epoxy membrane IZOHAN epoxy EP-602; for strengthening absorbable, porous substrates and/or those of poor mechanical strength; as a contact coat on grinded ceramic cladding, stone, terrazzo, steel surfaces; as a primer beneath heat-welded membranes on damp substrates (fresh concrete from 3 up to 14 days).
- **Properties:** very good adhesion to the substrate; strengthens the primed substrate; resistant to chemicals of acid and alkaline reaction, water action, sea and industrial atmosphere, frost-resistant; can be applied on very damp substrates; short setting time also on damp substrates.

- **Available packages:**  3 kg =  2 kg +  1 kg



Composition	epoxy resin, hardener
Consumption	0,2-0,5 kg/m ²
Drying time	approx. 6 h
Resistance to rain	after approx. 6 h
Temperature of use	from +15°C up to +30°C
In compliance with	PN-C-81911 IBDIM AT/2015-02-3116

IZOHAN epoxy EP-602

epoxy membrane, C



- **Use:** for independent protection of concrete construction and steel elements in industry and general construction, ballast and waste water tanks, e.g. in domestic and industrial waste water treatment plants, inland and sea hydrotechnical construction; in version with sand forms a surface coat protecting the pedestrian routes and routes loaded with vehicles traffic (e.g. multi-position garages), on terraces and balconies as surface waterproofing.
- **Properties:** very good adhesion to the substrate; forms coating resistant to mechanical loads (abrasion, impact); resistant to chemicals of acid and alkaline reaction, water action, sea and industrial atmosphere, oils, petrol, etc.; after mixing with quartz sand forms ductile-flexible waterproofing and top finish of high abrasion resistance.

- **Available packages:**  4 kg =  2,6 kg +  1,4 kg



Composition	epoxy resin, filler, pigment, additives, hardener
Consumption	1,0-4,0 kg/m ²
Drying time	approx. 24 h
Resistance to rain	after approx. 6 h
Water absorption	max 1,5%
Adhesion	> 3,5 MPa
In compliance with	PN-C-81916 IBDIM AT/2015-02-3116

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IZOLMIX



IZOHAN STYROPUK FUNDAMENT IZOHAN STYROPUK FOUNDATION



polyurethane adhesive for polystyrene

- **Use:** fixing EPS and XPS insulation boards onto foundations made of dispersion bitumen masses; fixing EPS and XPS insulation boards onto foundations made of heat-welded membranes; fixing EPS and XPS insulation boards onto building ground zones (plinths).
- **Properties:** easy and convenient in use; quick work progress (initial hardening after 2h, full hardening after 24 h); very efficient; very good adhesion to bitumen substrates (KMB masses, heat-welded membranes) and to mineral substrates of any type; for use in wide range of temperature, particularly recommended for autumn-winter season.

► Available packages: 750 ml

Temperature of use	from -5°C up to +30°C
Temperature of can	from +10°C up to +25°C
Correction time	up to approx. 10 min.
Mechanical fixing (plinth zone)	after approx. 2 h
Full hardening	after 24 h
Temperature of storage	from +5°C up to +35°C
Consumption	approx. 8-10 m ² from a can
Technical approval	ITB AT-15-8153



IZOHAN STYROPUK ELEWACJA IZOHAN STYROPUK EXTERNAL WALLS



polyurethane adhesive for polystyrene

- **Use:** fixing polystyrene insulation boards used in external wall insulation; fixing polystyrene panels, wall panels; sills installation; filling joints in thermal insulation.
- **Properties:** easy and convenient in use; quick work progress (initial hardening after 2h, full hardening after 24 h); very efficient; very good adhesion to mineral substrates of any type; for use in wide range of temperature, particularly recommended for autumn-winter season; perfect adhesion to concrete, ceramic, wooden, PVC substrates as well as polystyrene and plasters.

► Available packages: 750 ml

Temperature of use	from 0°C up to +30°C
Temperature of can	from +10°C up to +25°C
Correction time	up to approx. 10 min.
Mechanical fixing (plinth zone)	after approx. 2 h
Full hardening	after 24 h
Temperature of storage	from +5°C up to +35°C
Consumption	approx. 8 m ² from a can
Technical approval	ITB AT-15-8153



IZOHAN STYROPUK MONTAŻ 45 (pistoletowa) IZOHAN STYROPUK MONTAGE 45 (foam gun)



polyurethane mounting foam

- **Use:** mounting and sealing doors and windows with wide range of joint dimensions; filling joints, cavities, cracks; thermal insulation of plumbing and central heating systems; mounting and insulating wiring, service ducts; thermal and acoustic insulation of ventilation and air condition equipment; filling and sealing elements in framework.
- **Properties:** easy and convenient in use; for use in wide range of temperature, particularly recommended for autumn-winter season; perfect adhesion to concrete, ceramic, wooden, PVC substrates as well as polystyrene and plasters; very good adhesion to any construction substrates except of polyethylene, polypropylene, silicone and teflon.

► Available packages: 750 ml

Temperature of use (substrate and ambient)	from +5°C up to +30°C
Temperature of can	from +10°C up to +25°C
Consumption	up to 45 l from a can
Surface coat forming	10-16 min.
Full hardening	after 24 h
Thermal resistance	from -50°C up to +90°C
Technical approval	ITB AT-15-7403



IZOHAN CZYŚCIK IZOHAN CLEANER



polyurethane foam cleaner

- **Use:** removal of non-hardened polyurethane foams and adhesives; cleaning container valves, nozzles and guns dosing the polyurethane foam; perfect for de-greasing steel surfaces prior to the use of polyurethanes and silicones.

► Available packages: 500 ml

Temperature of use	from 0°C up to +30°C
Temperature of can	from +10°C up to +25°C
Temperature of storage	from +5°C up to +25°C



IZOHAN renobud C-520

highly flexible adhesive, C2TE S1

- **Use:** fixing cladding subject to extremely difficult operation conditions; fixing cladding subject to deformation; fixing tiles on difficult substrates, e.g. OSB boards, terrazzo, strongly adhering paint coats (oil coats).
- **Properties:** highly flexible – recommended for cladding used in hard operation conditions; deformable (S1 class) – ensures perfect compensation of stress between the substrate and the tile; increased adhesion; extended open time – min. 30 minutes; reduced slip enables fixing the tiles from the top; coat thickness 2-10 mm enables tiles fixing on slightly irregular substrates; for indoor and outdoor use.

► Available packages:

25 kg



Composition	mix of cement and mineral fillers
Consumption	from 2 up to 6 kg/m ²
Mixing ratio	approx. 5.35-5.75 l of water/ 25 kg of dry mix
Open time	min. 30 minutes
Temperature of use	from +5°C up to +25°C
In compliance with	PN-EN 12004



IZOHAN renobud C-503

wide grout 5-15 mm, CG2W

- **Use:** grouting ceramic tiles of poor absorbability, glass and stone (not marble), also where the joint water tightness is required; for indoor and outdoor use; particularly recommended for deformable substrates (heated floors, chipboards, plasterboards).
- **Properties:** water and frost-resistant; high strength; hydrophobic; fast-setting; with no tendency of scratching; high filling strength; economical in use; environment friendly; wide range of colours; deformable.

► Available packages:

5 kg



Composition	mix of cement and mineral fillers
Consumption	from 0.7 up to 1.1 kg/m ²
Mixing ratio	1.00-1.1 l of water/ 5 kg of dry mix
Open time	min. 30 minutes
Temperature of use	from +5°C up to +25°C
In compliance with	PN-EN 13888



IZOHAN renobud C-504

tight grout 0-6 mm, CG2W

- **Use:** grouting ceramic tiles of poor absorbability, glass and stone (not marble), on undeformable substrates, also where the joint water tightness is required; for indoor and outdoor use; due to practical reasons for grouting floors and outdoor surfaces grey grout colour advisable; for joints 5-15 mm wide and for grouting on deformable substrates we recommend the use of IZOHAN renobud C-503.
- **Properties:** water and frost-resistant; high strength; hydrophobic; fast-setting; deformable; with no tendency of scratching; economical in use; environment friendly; wide range of colours; high filling strength.

► Available packages:

5 kg 2kg



Composition	mix of cement and mineral fillers
Consumption	from 0.4 up to 0.7 kg/m ²
Mixing ratio	0.46-0.5 l of water/ 2 kg of dry mix 1.15-1.25 l of water/ 5 kg of dry mix
Open time	min. 30 minutes
Temperature of use	from +5°C up to +30°C
In compliance with	PN-EN 13888



IZOHAN epoxy C-505

epoxy grout, RG

- **Use:** grouting ceramic tiles, fittings of whiteware and construction ceramic, gres-porcelain and marble, clinker, glass mosaic, natural stone, marble on various substrates. The use of grout IZOHAN epoxy C-505 is particularly recommended for surfaces requiring high mechanical and chemical resistance, especially in industrial construction.
- **Properties:** watertight; resistant to low and high temperature; very high mechanical resistance; resistant to chemicals; efficient and easy in use; sets and hardens with no contraction; resistant to abrasion; environment friendly; high filling strength.

► Available packages:



two-component epoxy grout



Composition	epoxy resin with mineral fillers and additives
Consumption	0.23 - 2.9 kg/m ²
Mixing ratio	8.9 component A 1.1 component B
Time of use	approx. 45 minutes
Temperature of use	from +10°C up to +25°C
In compliance with	PN-EN 13888



RG



R2

IZOHAN epoxy C-506

epoxy grout and adhesive, RG, R2

- **Use:** fixing and grouting ceramic tiles, fittings of whiteware and construction ceramic, gres-porcelain and marble, clinker, glass mosaic, natural stone, marble on various substrates. The use of grout IZOHAN epoxy C-506 is particularly recommended where aggressive liquids, brine, mineral or sea water occurs, in breweries, wineries, liquids production plants, distilleries, water treatment plants, laboratories, chemical industry premises, kitchens, dairies, etc., at high pressure and washout, e.g. in industrial washes.
- **Properties:** watertight; resistant to low and high temperature; very high mechanical resistance; resistant to chemicals; efficient and easy in use; sets and hardens with no contraction; resistant to abrasion; environment friendly; high filling strength.

- Available packages: 5 kg two-component epoxy grout



Composition	epoxy resin with mineral fillers and additives
Consumption for fixing for grouting	1,3 - 2,4 kg/m ² width [cm] x length [cm] x 1,4 — consumption in g
Temperature of use	from +10°C up to +25°C
Time of use	approx. 45 minutes
In compliance with	PN-EN 13888 PN-EN 12004

IZOHAN EKO POLIMER 45

permanently flexible sealant based on MS-Polymer, F-INT-EXT-CC, 12,5E, S-S2

- **Use:** for internal and external sealing and jointing construction materials of any type (aluminium, zinc coated steel, copper, glass, PVC, concrete, wood, brick, stone); for fixing mirrors, sealing roofs, fixing decorative and finishing elements, filling expansion joints up to 20 mm.
- **Properties:** does not contain silicones, isocyanates or solvents; can be used on wet substrates; can be painted with acrylic paints; perfect resistance to UV rays, weathering and atmospheric conditions; polymerizes very quickly; neutral and odorless, hardens with the air moisture; assures sealing of high flexibility.

- Available packages: 290 ml cartouche 12 cartouches in a carton box



Surface coat forming	10-12 min
Consumption	depending on joint dimensions
Temperature of use	from +5°C up to +30°C
Temperature of operation	from -40°C up to +80°C
Hardening time	2,5 mm / 24h
Meets the standard	PN-EN 15651-1, PN-EN 15651-3

IZOHAN epoxy EP-603 poziom IZOHAN epoxy EP-603 horizontal

epoxy sealant, F-12, 5E-M₁p

- **Use:** filling expansion joints 5-35 mm wide, on horizontal surfaces indoors and outdoors; for sealing scratches and cracks on horizontal surfaces, also subject to vehicle load and in objects subject to chemical aggression.
- **Properties:** very good adhesion to the substrate (concrete, ceramic cladding, resin floors); forms coating resistant to mechanical loads (abrasion, impact); resistant to acids and alkali, sea and industrial water and atmosphere, oils, petrol, etc.; resistant to domestic wastewater (water waste treatment plants).

- Available packages: 2 kg = 1,3 kg + 0,7 kg



Composition	epoxy resin, filler, hardener
Consumption	depending on a slit
Time of use after components mixing	45 min.
Resistance to rain	after approx. 6 h
Elongation at breakage	≥ 60%
Breaking force	350 N
Meets the standard	PN-ISO 11600

IZOHAN epoxy EP-603 pion IZOHAN epoxy EP-603 vertical

epoxy sealant, F-12, 5E-M₁p

- **Use:** filling expansion joints 5-35 mm wide, on vertical surfaces indoors and outdoors; for sealing scratches and cracks on vertical surfaces.
- **Properties:** very good adhesion to the substrate (concrete, ceramic cladding); forms coating resistant to mechanical loads (abrasion, impact); resistant to acids and alkali, sea and industrial water and atmosphere, oils, petrol, etc.; resistant to domestic wastewater (water waste treatment plants).

- Available packages: 2 kg = 1,3 kg + 0,7 kg + 0,075 kg



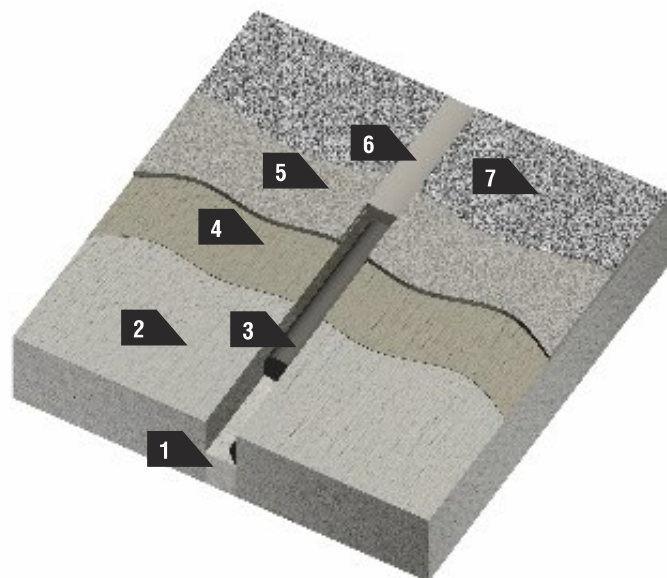
Composition	epoxy resin, filler, hardener
Consumption	depending on a slit
Time of use after components mixing	45 minutes
Resistance to rain	after approx. 6 h
Elongation at breakage	≥ 60%
Breaking force	350 N
In compliance with	PN-EN ISO 11600



EPOXY FLOORS SYSTEM

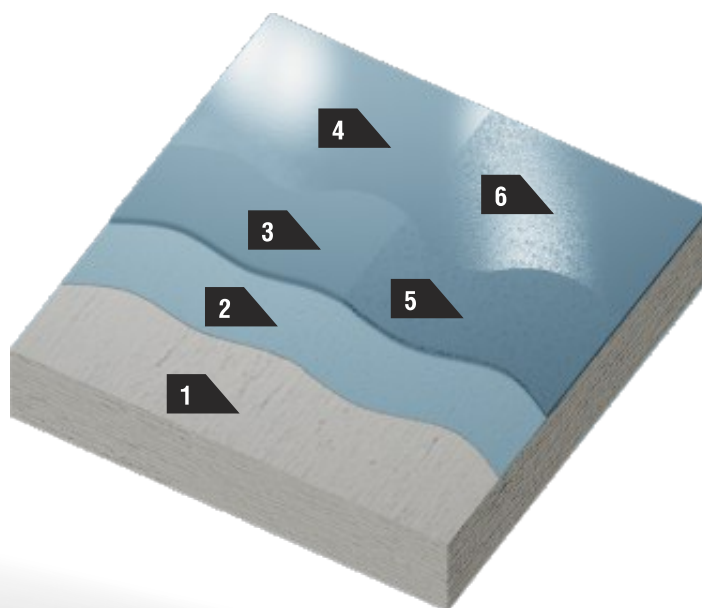
- 1** Elastic insert
- 2** Concrete substrate
- 3** IZOHAN backer rod
- 4** IZOHAN epoxy EP-601 – epoxy primer
- 5** IZOHAN epoxy EP-602 – epoxy membrane with quartz sand 0.8-1.2 mm
- 6** IZOHAN epoxy EP-603 – epoxy sealant*
- 7** Powder of quartz sand (optional)

* horizontal and vertical version available



SYSTEM OF DECORATIVE SURFACE PROTECTION

- 1** Concrete substrate
- 2** IZOHAN epoxy P-405 – epoxy paint diluted with 20% of water
- 3** IZOHAN epoxy P-405 – epoxy paint
- 4** IZOHAN epoxy P-406 – epoxy lacquer (optional)
- 5** IZOHAN epoxy P-405 – epoxy paint with quartz sand providing anti-slip properties
- 6** IZOHAN epoxy P-406 – epoxy lacquer (optional)



**IZOHAN renobud R-101****PCC-type anti-corrosion mortar**

► **Use:** for application onto cleaned reinforcing bars prior to the application of repair mortars IZOHAN renobud R-103, IZOHAN renobud R-104 or floating mortar R-105.

► **Properties:** frost-resistant; resistant to de-icing salt; good adhesion to metal substrate; assures good adhesion of the subsequent repair coats; sets with no contraction (no scratches), also under dynamic loads.

► **Available packages:**



15 kg



Composition	dry, fine aggregate, modified cement mortar
Consumption	Ø 8mm - approx. 40 g/m Ø 16mm - approx. 90 g/m
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	≤ 15 min. (in 20°C)
Technical Approval	IBDIM AT/2006-03-1055/1

IZOHAN renobud R-102**PCC-type contact coat mortar**

► **Use:** execution of contact coat prior to the application of repair mortars IZOHAN renobud R-103, IZOHAN renobud R-104 or floating mortar R-105.

► **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; sets with minimum contraction, also under dynamic loads.

► **Available packages:**



25 kg



Composition	dry, fine aggregate, modified cement mortar
Consumption	approx. 1.8-2.0 kg/m ²
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	≤ 30 min. (in 20°C)
Technical Approval	IBDIM AT/2006-03-1055/1

IZOHAN renobud R-103**PCC-type repair mortar (5-40 mm)**

► **Use:** concrete repairs and filling gaps where the coat thickness 5-40 mm is required, execution of coves and slope layers.

► **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; forms efficient barrier against carbon dioxide penetration into concrete; sets with minimum contraction, also under dynamic loads.

► **Available packages:**



25 kg



Composition	dry, fine aggregate, modified cement mortar
Consumption	approx. 1.9-2.2 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	≤ 30 min. (in 20°C)
Technical Approval	IBDIM AT/2006-03-1055/1

IZOHAN renobud R-104**PCC-type repair mortar (30-100 mm)**

► **Use:** concrete repairs and filling gaps where the coat thickness 30-100 mm is required, execution of slope layers.

► **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; forms efficient barrier against carbon dioxide penetration into concrete; sets with limited contraction, also under dynamic loads.

► **Available packages:**



25 kg



Composition	dry, coarse aggregate, modified cement mortar
Consumption	approx. 2.3 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	≤ 30 min. (in 20°C)
Technical Approval	IBDIM AT/2006-03-1055/1

IZOHAN renobud R-105

PCC-type floating mortar (2-6 mm)



► **Use:** repairs of minor gaps in concrete as well as concrete surface floating; protective coating onto bridge concrete surfaces.

► **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; forms effective barrier against carbon dioxide penetration into concrete; sets with limited contraction, also under dynamic loads.

► **Available packages:** 25 kg



Composition	dry, fine aggregate, modified cement mortar
Consumption	ok. 1.7-1.8 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	≤ 30 min. (in 20°C)
Technical Approval	IBDIM AT/2006-03-1055/1

IZOHAN renobud R-112

waterproofing and curing coating



► **Use:** in general and transport construction as a curing and waterproofing agent applied onto fresh concrete; in transport construction for waterproofing concrete bridge decks beneath mineral-bitumen surfaces.

► **Properties:** elastic; resistant to water under pressure; resistant to aggressive substances diluted in water; frost-resistant; good adhesion to concrete substrate, therefore it forms effective concrete bridge deck insulation; can be applied onto fresh one-day concrete.

► **Available packages:** 20 kg



Composition	acrylic resin, white spirit, hydrophobe, potassium water glass
Consumption	approx. 1.2 kg/m ²
Temperature of use	from +5°C up to +30°C
Bulk density	1,35 kg/dm ³ ± 10%
Technical Approval	IBDIM AT/2009-03-1544/1

IZOHAN renobud R-113

mineral waterproofing beneath mineral-bitumen surfaces



► **Use:** execution of insulating and waterproofing coatings on concrete bridge deck slabs beneath mineral-bitumen surfaces and for insulating earthed elements.

► **Properties:** elastic; resistant to water under pressure; resistant to aggressive substances diluted in water; frost-resistant; good adhesion to concrete substrate, therefore it forms effective concrete bridge deck insulation.

► **Available packages:** 25 kg



Composition	dry, modified cement mortar
Consumption	approx. 1.5 kg/m ² /mm
Temperature of use	from +8°C up to +30°C
Open time of the ready mix	≤ 60 min. (in 20°C)
Technical approval	IBDIM AT/2005-03-0966/3

IZOHAN renobud R-120

transparent impregnating and protective coating



► **Use:** impregnation, bonding and protection of concrete element surfaces, onto new and repaired ones as well as sett.

► **Properties:** reduces water absorption; provides the substrate with frost-resistance; provides the surface with resistance to salts diluted in water used for de-icing; water vapour permeable; forms effective barrier against carbon dioxide penetration into concrete.

► **Available packages:** 5 l



Composition	one-component polymer preparation
Consumption	approx. 0.17-0.20 l/m ²
Temperature of use	from +5°C up to +25°C
Technical approval	IBDIM AT/2005-03-1876/2



IZOHAN renobud R-140

elastic decorative paint coating



► **Use:** used on concrete and ferroconcrete surfaces in transport engineering as elastic protective and decorative coating resistant to atmospheric factors; can be used on new and repaired surfaces during renovation of concrete constructions.

► **Properties:** keeps elastic in low temperature and resists cracking up to 0.3 mm; forms protecting barrier against carbon dioxide, chloride ions and sulfurs; forms coating resistant to moisture, automotive fluids (acids, coolants, oils, windscreen washers); resistant to point and prolonged loads; durable (also in aggressive atmosphere); resistant to UV rays and long term weathering; perfect coating.

► **Available colours:** grey (RAL 7030), Other colours available upon request

► **Available packages:**



20 kg

Composition	acrylic dispersion, fillers, pigment
Consumption	0.6 kg/m ² per coat
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	24 h
In compliance with	PN-EN 1504-2

IZOHAN IZOBUD RR

cold application mineral-asphalt mix



► **Use:** point repairs of asphalt and concrete surfaces; filling surface gaps, potholes resulting from, e.g. frost degradation; point filling of any installation works, e.g. sewage, gas or electrical - filling space around slabs, conduits, cable connectors; filling expansion joints; local leveling or forming road and pavement surfaces, at metal elements in surface building (e.g. drains, rail crossing).

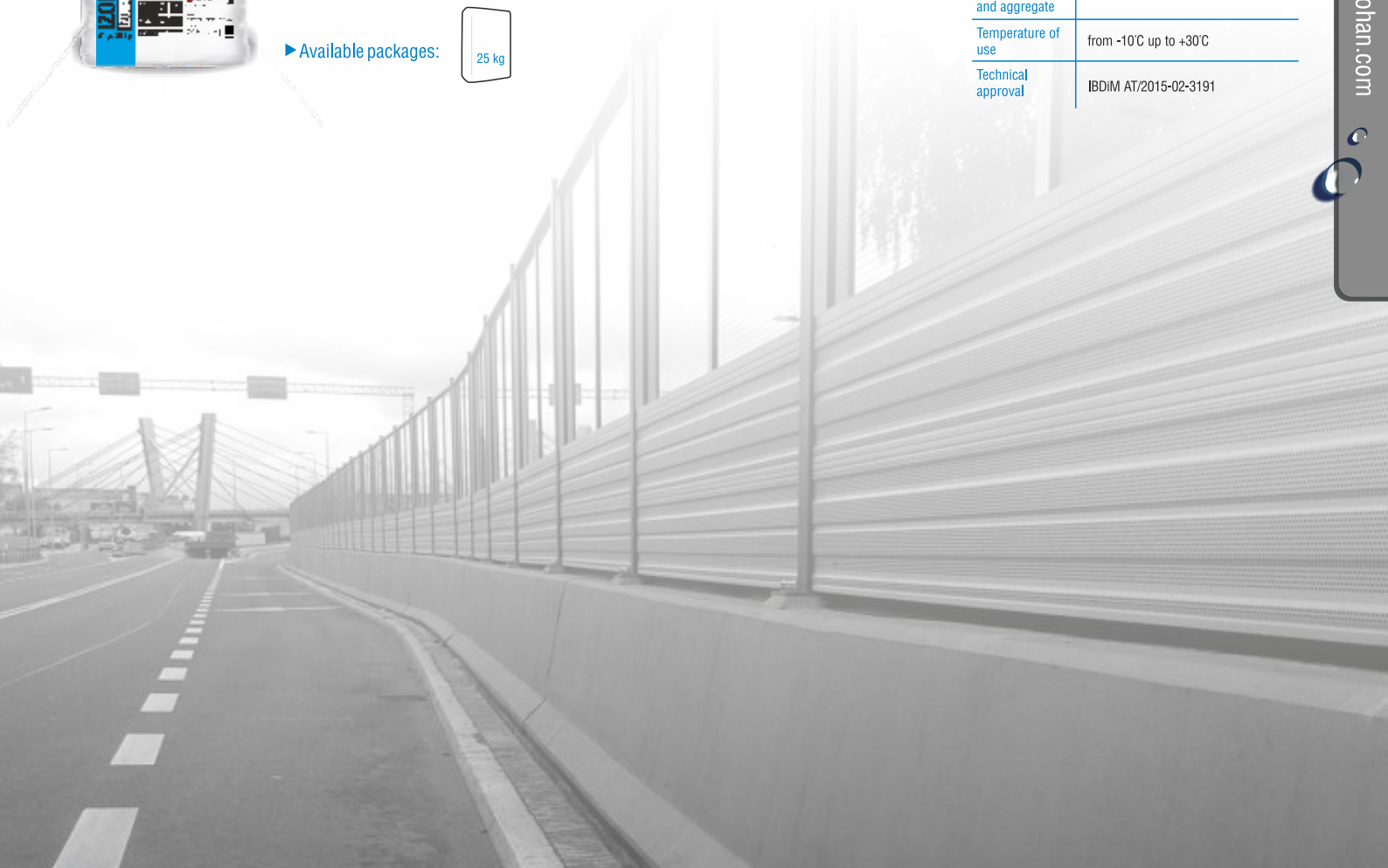
► **Properties:** cold applied; very good workability; can be used in wide temperature range (from -10°C up to +30°C); can be hand or machine thinned; road traffic possible just after surface repairs (with traffic limitations, e.g. in the form of speed limit).

► **Available packages:**



25 kg

Composition	mix of asphalts, natural aggregates and organic solvents
Aggregate	basalt
Content space	approx. 19%
Penetration test	approx. 0.5 mm
Adhesion between binder and aggregate	approx. 85%
Temperature of use	from -10°C up to +30°C
Technical approval	IBDIM AT/2015-02-3191



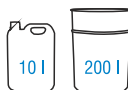
IZOHAN SEPARATOR B

oil anti-adhesion agent, type 0, sort K



- **Use:** agent for steel and large scale formworks; wooden formworks; matrixes; wooden pallets.
- **Properties:** IZOHAN SEPARATOR B is a solvent-free, not adhering to concrete, easily removable from formwork and odour neutral anti-adhesion agent. After using IZOHAN SEPARATOR B the concrete outer surface gets particularly clean and even. Concrete gets resistant to discolouration, keeps sharp edges and profiles. Owing to special components the well adhering coating forms on formworks, which does not flow even in moderate temperature.

- **Available packages:**



Composition	mineral and vegetable oils, waxes, modifiers
Consumption	approx. 0.02-0.06 l/m ²
Freezing point	< 5°C
Viscosity	30 ÷ 70 mm ² /s (in 20°C)

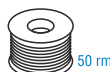
IZOHAN SZNUR DYLATACYJNY IZOHAN BACKER ROD

backer rod



- **Use:** filling expansion joints in order to form proper joint cross section; can be used on vertical and horizontal surfaces; for indoor and outdoor use.
- **Properties:** used for initial joints filling; reduces the filler consumption; elastic; resistant to ageing.
- **Available diameters:** ø 6 mm, ø 8 mm, ø 10 mm, ø 15 mm, ø 20 mm, ø 25 mm, ø 30 mm

- **Available packages:**



Composition	foamed polyethylene or polyurethane
Consumption	depending on needs
Relative elongation at breaking	longitudinal 15% transverse 8%
Temperature resistance	-40°C up to +60°C
Apparent density	32 kg/m ³

IZOHAN SZCZELNA TAŚMA IZOHAN WATERTIGHT TAPE

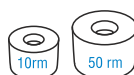
sealing tape 120/70



- **Use:** for strengthening elastic waterproofing in corners, edges, expansion joints, pipe passages, etc.; used mainly between deformable and undeformable surfaces on joints wall/wall, wall/floor; can be used on floors and walls, indoors and outdoors.
- **Properties:** effectively protects against water penetration; gives durable joint; very elastic and resistant to stretching; resistant to ageing; fits any tiling system; particularly recommended for wet rooms waterproofing with IZOHAN ekofolia.

- **Also available in options:** 200/140, 250/190

- **Available packages:**



Composition	coated polyester fabric TPE
Total width/Coated width	120 mm/70 mm
Total thickness	0.7 mm
Stretch	295%
Chemical resistance	good
Temperature resistance	-40°C up to +75°C
Technical approval	ITB AT-15-6678/2014

IZOHAN TAŚMA USZCZELNIAJĄCA IZOHAN SEALING TAPE

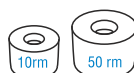
double-coated sealing tape 120/120



- **Use:** for strengthening elastic waterproofing in corners, edges, expansion joints, pipe passages, etc.; used mainly between deformable and undeformable surfaces on joints wall/wall, wall/floor; can be used on floors and walls, indoors and outdoors.

- **Properties:** effectively protects against water penetration; gives durable joint; very elastic and resistant to stretching; resistant to ageing; fits any tiling system.

- **Available packages:**



Composition	coated polyester fabric TPE
Total width/Coated width	120 mm/120 mm
Total thickness	0.7 mm
Stretch	295%
Chemical resistance	good
Temperature resistance	-40°C up to +75°C
Technical approval	ITB AT-15-6678/2014



IZOHAN TB 10

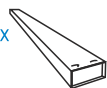
profile for balconies and terraces



- **Use:** as edge finishing on terraces and balconies with thin-coat resin floor 2-3 mm thick (IZOHAN epoxy EP-602).

- **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

- **Available packages:** carton box (4 pcs 2 m each)



- **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown

Composition	aluminium coated with polyester
Weight	0.75 kg/m
Polyester coat thickness	approx. 70 µm
Technical approval	AT-15-9296/2014

IZOHAN TB 20

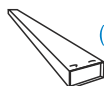
profile for balconies and terraces



- **Use:** as edge finishing on terraces and balconies finished with ceramic cladding with under-tile waterproofing made of sealing micro-mortar.

- **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

- **Available packages:** carton box (4 pcs 2 m each)



- **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown

Composition	aluminium coated with polyester
Weight	0.75 kg/m
Polyester coat thickness	approx. 70 µm
Technical approval	AT-15-9296/2014

IZOHAN TB 30

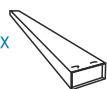
profile for balconies and terraces



- **Use:** as edge finishing on terraces and balconies finished with ceramic cladding with under-tile waterproofing made of sealing micro-mortar; with holes draining moisture from underneath the floor.

- **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

- **Available packages:** carton box (4 pcs 2 m each)



- **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown

Composition	aluminium coated with polyester
Weight	0.65 kg/m
Polyester coat thickness	approx. 70 µm
Technical approval	AT-15-9296/2014

IZOHAN TB 40

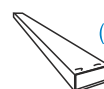
profile for balconies and terraces



- **Use:** with holes draining moisture from underneath the floor and possibility of system gutter mounting; used as edge finishing on terraces and balconies finished with ceramic cladding with under-tile waterproofing made of sealing micro-mortar.

- **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

- **Available packages:** carton box (4 pcs 2 m each)



- **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown

Composition	aluminium coated with polyester
Weight	1.24 kg/m
Polyester coat thickness	approx. 70 µm
Technical approval	AT-15-9296/2014



IZOHAN MONOFLEX PVC membrana 1,2 (membrane 1.2)

single-layer reinforced PVC roofing membrane



- **Use:** appropriate for newly applied roofing as well as for renovation of the existing one with mechanically fastened system; can be also used with fully adhered systems with PVC contact adhesive or Sprayfast PCA adhesive.

- **Properties:** high durability and resistance to UV rays; good mechanical and operational properties; efficient and safe installation; high quality of linear welding; aesthetic; full range of accessories.

Thickness	1.2 mm
Width	1.06 m; 2.12 m
Length	20 m
In compliance with	EN 13956

- **Available colours:**



RAL 7046 light grey



RAL 7015 dark grey

IZOHAN MONOFLEX PVC membrana 1,5 (membrane 1.5)

single-layer reinforced PVC roofing membrane



- **Use:** appropriate for newly applied roofing as well as for renovation of the existing one with mechanically fastened system; can be also used with fully adhered systems with PVC contact adhesive or Sprayfast PCA adhesive.

- **Properties:** high durability and resistance to UV rays; good mechanical and operational properties; efficient and safe installation; high quality of linear welding; aesthetic; full range of accessories.

Thickness	1.5 mm
Width	1.06 m; 2.12 m
Length	20 m
In compliance with	EN 13956

- **Available colours:**



RAL 7046 light grey



RAL 7015 dark grey

IZOHAN MONOFLEX PVC D

unreinforced PVC membrane



- **Use:** for execution of non-standard joints in roofing system IZOHAN MONOFLEX PVC, e.g. pipes passages, skylight flashings, external and internal corners shaping, etc. Elasticity of the unreinforced material enables to form flashing elements easily and ensures water tightness of complex roof elements.

- **Properties:** perfect elasticity; good resistance to UV rays and durability; good mechanical properties; efficient and safe installation, high quality and safety of welds.

Thickness	(+10%/-5%) : 1.5 mm
Width	(+1%/-0.5%) : 1.06 m
Length	(-1%/-0.5%) : 20 m
Weight	(+10%/-5%) : 2000 g/m ²

- **Available colour:**



grey

MEMBRANA WALKWAY - WALKWAY MEMBRANE

membrane - communication path



- **Use:** appropriate "WalkWay" membrane pattern and carving ensures anti-slip surface and additional protection of IZOHAN MONOFLEX PVC membrane at points, where mechanical damages are more likely. WalkWay membrane can be installed with mechanically fastened or adhered roofing systems.

- **Properties:** Chevron pattern ensuring safety; colour contrasting with the base layer; good resistance to UV rays and durability; good mechanical properties; safe installation; high quality of welds.

Thickness	(+10%/-5%) : 2.0 mm
Width	(+1%/-0.5%) : 1.0 m
Length	(+1%/-0.5%) : 20 m
Weight	(+10%/-5%) : 2400 g/m ²

- **Available colour:**



RAL 7016 anthracite

**IZOLMAT PLAN monomax®**

highly SBS-modified heat-welded top layer bitumen membrane



- **Use:** Highly SBS-modified bitumen membrane for single layer proofing of flat roofs on thermal insulation EPS, XPS, PIR boards, mineral wool or concrete. IZOLMAT PLAN monomax is a roll membrane, with SBS-modified asphalt with polyester and fiberglass reinforcing. With wide granules-free overlapping strip (approx. 11 cm) ensuring a single layer roofing membrane. Can be installed on wooden substrates on a protective layer made of non-weldable membranes.

- **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester reinforced with fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod, -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 300	(N/50 mm) 850 ± 250
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN protection® PYE PV250 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane with additive retarding fire spreading. For use as a second membrane layer on newly constructed roofs or as a single layer membrane for roofing repairs. Product manufactured with polyester reinforcement, provides safe and durable membrane.

- **Granules type:**



anthracite



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod, -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1100 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN PYE PV250 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type. For use as a second membrane layer on newly constructed roofs or as a single layer membrane for roofing repairs. Product manufactured with polyester reinforcement, provides safe and durable membrane. Typical high-quality heat-welded membrane used on large and small size roofs.

- **Granules type:**



steel



red



green



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod, -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN extra PYE PV200 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type and dimensions. Used as a membrane in two-layer systems on newly constructed roofs or as a single layer membrane for roofing repairs.

- **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1000 ± 150	(N/50 mm) 750 ± 150
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN PYE PV200 S4,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type and dimensions. Used as a membrane in two-layer systems on newly constructed roofs or as a single layer membrane for roofing repairs.

- **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod. -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	850 ± 150	(N/50 mm) 550 ± 150
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN PYE PV180 S4,0 SS

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type and dimensions. Used as a membrane in two-layer systems on newly constructed roofs or as a single layer membrane for roofing repairs.

- **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod. -15°C	
Flow resistance (°C)	+ 95°C	
	longitudinal	transversal
Tensile strength	850 ± 150	(N/50 mm) 550 ± 150
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT opti 20 PYE PV250 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane. Used as a membrane in single-layer systems as well as in multi-layer systems with base membrane layer or renovated roofing membranes. For heat-welding or mechanical fixing. Particularly recommended for roof flashings and at zones of intensive thermal and dynamic roof movements.

- **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester reinforced with fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod. -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	750 ± 200	(N/50 mm) 450 ± 200
Elongation	45 ± 15	(%) 45 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT opti 20 PYE PV200 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane. Used as a membrane in single-layer systems as well as in multi-layer systems with underlayer membrane or renovated bitumen membranes. For heat-welding or mechanical fixing. Particularly recommended for roof flashings and at zones of intensive thermal and dynamic roof movements.

- **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester reinforced with fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod. -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	700 ± 200	(N/50 mm) 400 ± 200
Elongation	45 ± 15	(%) 45 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	



IZOLMAT BIT V60 S4,2 SS

unmodified heat-welded top layer bitumen membrane



- **Use:** Unmodified heat-welded top layer bitumen membrane for small size roofs and concrete substrate. Requires an underlayer membrane or repaired old roofing layers. Membrane is not used for roof details working.

► **Granules type:**



grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,2	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidised, 0°C	
Flow resistance (°C)	+ 80°C	
	longitudinal	transversal
Tensile strength	600 ± 100	(N/50 mm) 400 ± 100
Elongation	4 ± 2	(%) 4 ± 2
Fire rate	F _{rod} /REI	

IZOLMAT PLAN PYE PV250 S5,0

highly SBS-modified heat-welded underlayer bitumen membrane



- **Use:** Highly SBS-modified heat-welded underlayer bitumen membrane for balconies, terraces and foundations. With strong polystyrene reinforcement, with high elasticity and tensility. As an underlayer membrane with no limitations of use.

► **Granules type:**



fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,8	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod. -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1050 ± 150	(N/50 mm) 850 ± 250
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{rod} (t _i)/NRO/REI	

IZOLMAT PLAN PYE G200 S4,0

highly SBS-modified heat-welded underlayer bitumen membrane



- **Use:** Highly SBS-modified heat-welded underlayer membrane for mechanical fastening on roofs and for terraces and foundations proofing. With fiberglass reinforcement and high tensile strength.

► **Granules type:**



fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod. -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1300 ± 300	(N/50 mm) 2500 ± 500
Elongation	12 ± 7	(%) 12 ± 7
Fire rate	B _{rod} (t _i)/NRO/REI	

IZOLMAT PLAN PYE PV180 S4,0

SBS-modified heat-welded underlayer bitumen membrane



- **Use:** SBS-modified heat-welded underlayer membrane for terraces, balconies and foundations as well as the first roofing membrane layer. With strong polyester reinforcement of high elasticity and tensility, can be used for mechanical fastening.

► **Granules type:**



fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod. -15°C	
Flow resistance (°C)	+ 95°C	
	longitudinal	transversal
Tensile strength	850 ± 150	(N/50 mm) 550 ± 150
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{rod} (t _i)/NRO/REI	

IZOLMAT PLAN ultimax

low-SBS-modified heat-welded underlayer bitumen membrane



- **Use:** SBS-modified heat-welded underlayer membrane with fiberglass reinforcement used as the first roofing membrane layer, also for mechanical fastening. Instead of fine granules the membrane is top coated with easily fusible non-woven fabric accelerating the welding of the subsequent membrane layer.

► Top coat:



non-woven fabric



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.5	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod., -5°C	
Flow resistance (°C)	+ 80°C	
Tensile strength	longitudinal	transversal
	1450 ± 300	(N/50 mm) 2650 ± 500
Elongation	6 ± 3	(%) 6 ± 3
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN ultimax SBS

SBS-modified heat-welded underlayer bitumen membrane



- **Use:** SBS-modified heat-welded underlayer bitumen membrane with fiberglass reinforcement used as the first roofing membrane layer. Used also as damp- and waterproofing of underground building elements (type A and T). Instead of fine granules the membrane is top coated with easily fusible non-woven fabric accelerating the welding of the subsequent membrane layer. The modification of asphalt used in the membrane allows to use the product in low ambient temperature. For heat-welding and mechanical fastening.

► Top coat:



non-woven fabric



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.5	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod., -15°C	
Flow resistance (°C)	+ 95°C	
Tensile strength	longitudinal	transversal
	1450 ± 300	(N/50 mm) 2650 ± 500
Elongation	8 ± 4	(%) 8 ± 4
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT PLAN PYE PV160 S3,0

SBS-modified heat-welded underlayer bitumen membrane



- **Use:** SBS-modified heat-welded underlayer bitumen membrane for terraces, balconies and foundations, also used as the first roofing membrane layer. With strong polyester reinforcement of high elasticity and tensility, can be used for mechanical fastening.

► Granules type:



fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	3.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -15°C	
Flow resistance (°C)	+ 95°C	
Tensile strength	longitudinal	transversal
	750 ± 150	(N/50 mm) 500 ± 150
Elongation	45 ± 15	(%) 45 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT opti 20 PYE PV200 S4,0

highly SBS-modified heat-welded underlayer bitumen membrane



- **Use:** Highly SBS-modified heat-welded underlayer bitumen membrane used for roof waterproofing as well as damp- and waterproofing of underground building elements (type A and T). Enables to form systems meeting the Brrof(t1) class. For heat-welding and mechanical fastening.

► Granules type:



fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
Tensile strength	longitudinal	transversal
	850 ± 250	(N/50 mm) 650 ± 300
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	

IZOLMAT opti 5 PYE PV200 S4,0**low-SBS-modified heat-welded underlayer bitumen membrane**

- **Use:** Low-SBS-modified heat-welded underlayer bitumen membrane used for roof waterproofing as well as damp- and waterproofing of underground building elements (type A and T). Enables to form systems meeting the Brrof(t1) class. For heat-welding and mechanical fastening.

► **Granules type:**

fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -5°C	
Flow resistance (°C)	+ 80°C	
	longitudinal	transversal
Tensile strength	850 ± 250	(N/50 mm) 650 ± 300
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{ref} (t ₁)/NRO/REI	

IZOLMAT opti 5 PYE G200 S4,0**low-SBS-modified heat-welded underlayer bitumen membrane**

- **Use:** Modified heat-welded underlayer bitumen membrane with addition of SBS used as damp-proofing of underground building elements (type A). Used also as an underlayer membrane in two-layer roofing systems. For heat-welding and mechanical fastening.

► **Granules type:**

fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4.0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod., -5°C	
Flow resistance (°C)	+ 80°C	
	longitudinal	transversal
Tensile strength	1500 ± 500	(N/50 mm) 2500 ± 500
Elongation	6 ± 3	(%) 6 ± 3
Fire rate	B _{ref} (t ₁)/NRO/REI	

IZOLMAT BIT G200 S4,0**unmodified heat-welded underlayer bitumen membrane**

- **Use:** Unmodified heat-welded underlayer bitumen membrane for mechanical fastening on thermal insulation and for water vapour barriers on sheet and concrete substrates. Used also as damp-proofing of underground building elements (type A). Can be used in periods of temperature above +5°C within whole day and night time.

► **Granules type:**

fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	1300 ± 300	(N/50 mm) 2500 ± 500
Elongation	6 ± 3	(%) 6 ± 3
Fire rate	B _{ref} (t ₁)/NRO/REI	

IZOLMAT BIT V60 S4,0**unmodified heat-welded underlayer bitumen membrane**

- **Use:** Unmodified heat-welded underlayer bitumen membrane with fiberglass reinforcement. Used as the first layer on roof concrete substrates or as water vapour barrier beneath thermal insulation on concrete substrates.

► **Granules type:**

fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	600 ± 100	(N/50 mm) 400 ± 100
Elongation	4 ± 2	(%) 4 ± 2
Fire rate	REI	

IZOLMAT BIT V60 S3,0

unmodified heat-welded underlayer bitumen membrane



- **Use:** Unmodified heat-welded underlayer bitumen membrane with fiberglass reinforcement. Used as the first layer on roof concrete substrates or as water vapour barrier beneath thermal insulation on concrete substrates.

► **Granules type:**



fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	3.0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+70°C	
	longitudinal	transversal
Tensile strength	500 ± 100	(N/50 mm) 300 ± 100
Elongation	4 ± 2	(%) 4 ± 2
Fire rate	REI	

IZOLMAT TOP SP

highly SBS-modified self-adhesive top layer bitumen membrane



- **Use:** Highly SBS-modified self-adhesive top layer bitumen membrane for any substrate type, including the wooden and wood-based one. Fixed onto underlayer membrane or old renovated roofing membrane. Can be mechanically fastened. Recommended for zones where open flame must not be used. Flashings working according to the product technical data sheet guidelines.

► **Granules type:**



steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.2	
Reinforcement	polyester reinforced with fiberglass and glass threads	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1100 ± 200	(N/50 mm) 800 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	self-adhesive B _{roof} (t.)	

IZOLPLAN PYE G200 S3,0 SP

highly SBS-modified self-adhesive underlayer bitumen membrane



- **Use:** Highly SBS-modified self-adhesive underlayer bitumen membrane used on thermal insulation boards on roofs and terraces. Can be mechanically fastened to mineral wool panels. Top coated with foil. Flashings working according to the product technical data sheet guidelines.

► **Top coat:**



foil



Roll dimensions (m)	10 x 1	
Thickness (mm)	3.0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod., -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1300 ± 300	(N/50 mm) 2500 ± 500
Elongation	6 ± 3	(%) 6 ± 3
Fire rate	B _{roof} (t.)	

IZOLMAT PLAN zielony dach PYE PV250 S5,0 IZOLMAT PLAN green roof PYE PV250 S5,0

highly SBS-modified heat-welded bitumen membrane



- **Use:** Highly SBS-modified heat-welded bitumen membrane with additive limiting the roots growth, manufactured with polyester reinforcement. Used on green roofs as the second sealing and roots blocking layer. Prolonged membrane durability resulting from greater thickness and stronger reinforcement.

► **Granules type:**



coarse grain



Roll dimensions (m)	5,5 x 1	
Thickness (mm)	5.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1100 ± 150	(N/50 mm) 900 ± 200
Elongation	50 ± 10	(%) 50 ± 10
Fire rate	B _{roof} (t.)/NRO/REI	



IZOLMAT PLAN zielony dach PYE PV200 S4,2 IZOLMAT PLAN green roof PYE PV200 S4,2

highly SBS-modified heat-welded bitumen membrane

- **Use:** Highly SBS-modified heat-welded bitumen membrane with additive limiting the roots growth, manufactured with polyester reinforcement. Used on green roofs as the second sealing and roots blocking layer.

► **Granules type:**



coarse grain



Roll dimensions (m)	5.5 x 1	
Thickness (mm)	4.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	900 ± 100	(N/50 mm) 600 ± 100
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{roof} (t _i)/NRO/REI	



IZOLPLAN fundament® SP

highly SBS-modified self-adhesive bitumen membrane

- **Use:** Highly SBS-modified self-adhesive bitumen membrane for vertical proofing of underground building elements. Easy in use on primed concrete substrates. With thick polyethylene foil on top, bottom side coated with self-adhesive asphalt (after antiadhesion insert removal). Forms damp-proofing course, when applied in two layers forms water-proofing course straight after installation.

► **Top coat:**



foil



Roll dimensions (m)	15 x 1	
Thickness (mm)	1.5	
Reinforcement	-	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	-	
	longitudinal	transversal
Tensile strength	300 ± 150	(N/50 mm) 300 ± 150
Elongation	200 ± 50	(%) 200 ± 50
Fire rate	self-adhesive	



IZOLMAT PLAN aquastoper® Al

highly SBS-modified bitumen membrane

- **Use:** Highly SBS-modified bitumen membrane, loosely to lay, for proofing cellar floors and for water vapour barrier on terraces and roofs on concrete substrate. Laid on cellar floors forms a barrier against diffusion of health harmful radioactive radon. With self-adhesive alongside strip for easy membrane strips jointing.

► **Top coat:**



foil



Roll dimensions (m)	30 x 1	
Thickness (mm)	1.5	
Reinforcement	fiberglass + Al	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	-	
	longitudinal	transversal
Tensile strength	500 ± 100	(N/50 mm) 300 ± 100
Elongation	4 ± 2	(%) 4 ± 2
Fire rate	Broof(t1)/FR/REI	



IZOLMAT PLAN optimax® PV

highly SBS-modified bitumen membrane

- **Use:** Highly SBS-modified bitumen membrane, for sloped roofs, applied with one-layer on wooden substrates prior to the roofing tiles, steel roofing tiles or shingles fixing. Fastened to the substrate with nails with pads, additional sealing with bitumen adhesive advisable.

► **Granules type:**



fine grain



Roll dimensions (m)	20 x 1.01	
Thickness (mm)	-	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -25°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	400 ± 75	(N/50 mm) 350 ± 75
Elongation	35 ± 7	(%) 40 ± 7
Fire rate	-	

IZOLVENT

perforated ventilating bitumen membrane



- **Use:** Membrane designed for ventilating layers in multi-layer roofing systems. Loosely to lay on the substrate, point fastening to the substrate by membrane perforation when executing the main waterproofing layer.

► **Top coat:**



foil



Roll dimensions (m)	20 x 1
Thickness (mm)	1.3
Reinforcement	fiberglass
Asphalt type, cold flexibility (°C)	oxidized 0°C
Flow resistance (°C)	+70°C
Fire rate	loosely to lay

IZOLMAT V60 S3,5 Al

heat-welded underlayer bitumen membrane with aluminium insert



material
warranty

- **Use:** Bitumen membrane with aluminium insert of high diffusion resistance – particularly recommended for water vapour barriers. Used also as the first waterproofing course on stable concrete substrate or as damp-proofing of underground building elements (type A) beneath floors, e.g. in garages, cellars, halls and industrial warehouses.

► **Granules type:**



fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	3.5 + 0.2	
Reinforcement	composite of aluminium foil and fiberglass	
Asphalt type, cold flexibility (°C)	≤ 0°C	
Flow resistance (°C)	-	
	longitudinal	transversal
Tensile strength	500 ± 100	(N/50 mm) 300 ± 100
Elongation	4 ± 2	(%) 4 ± 2
Fire rate	B _{rog} (t.)/NRO/REI	

WIERZCHNIEGO KRYCIA W400/1200 TOP LAYER MEMBRANE W400/1200

non-weldable top layer bitumen membrane



material
warranty

- **Use:** Non-weldable top layer bitumen membrane with cardboard reinforcement for concrete or wooden substrates. Used in minimum two-layer systems. Fixed with bitumen adhesives or mechanically with nails with pads.

► **Granules type:**



coarse grain



Roll dimensions (m)	15 x 1; 7.5 x 1	
Weight (kg/m ²)	2.6	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	500 ± 200	(N/50 mm) 400 ± 200
Elongation	3 ± 2	(%) 3 ± 2
Fire rate	F _{max}	

PODKŁADOWA P333-I BASE MEMBRANE P333-I

non-weldable underlayer bitumen membrane



material
warranty

- **Use:** Non-weldable underlayer bitumen membrane for wooden and concrete substrates. Fixed with bitumen adhesives on concrete substrates and mechanically with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes.

► **Granules type:**



fine grain



Roll dimensions (m)	10 x 1	
Weight (kg/m ²)	2.0	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	500 ± 100	(N/50 mm) 300 ± 100
Elongation	3 ± 2	(%) 3 ± 2



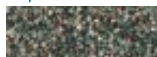
IZOLACYJNA I-333 INSULATING I-333

bitumen membrane



► **Use:** For temporary protection against water and damp action. Fixed with bitumen adhesives only and with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes.

► **Top coat:**



fine grain



Roll dimensions (m)	20 x 1	
Weight (kg/m ²)	0.63	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	400 ± 100	(N/50 mm) 300 ± 100
Elongation	3 ± 2	(%) 3 ± 2

PODKŁADOWA IZOLMAT P64/1200 UNDERLAYER BITUMEN MEMBRANE IZOLMAT P64/1200

non-weldable underlayer bitumen membrane with fiberglass reinforcement



► **Use:** Non-weldable underlayer bitumen membrane with fiberglass reinforcement for wooden and concrete substrates. Fixed with bitumen adhesives on concrete substrates and mechanically with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes. Recommended as an underlayer beneath bitumen shingles.

► **Granules type:**



fine grain



Roll dimensions (m)	15 x 1	
Weight (kg/m ²)	2.3	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	400 ± 100	(N/50 mm) 300 ± 150
Elongation	3 ± 1	(%) 3 ± 1

PODKŁADOWA P100/1200F UNDERLAYER BITUMEN MEMBRANE P100/1200F

non-weldable underlayer bitumen membrane with fiberglass reinforcement



► **Use:** Non-weldable underlayer bitumen membrane with fiberglass reinforcement for wooden and concrete substrates. Fixed with bitumen adhesives on concrete substrates and mechanically with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes.

► **Granules ty**



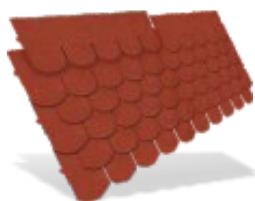
fine grain



Roll dimensions (m)	15 x 1	
Weight (kg/m ²)	2.3; 2.45	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	700 ± 150	(N/50 mm) 400 ± 150
Elongation	3 ± 1	(%) 3 ± 1



BITUMEN SHINGLES



FISH SCALE



RECTANGLE



TRAPEZOID

► Properties:

Owing to flexibility shingles can be used on roofs of complex shapes. Can also be used on roofs of significant angle of inclination.

► Easy application:

Technology of shingles application is not complicated. Easy and quick in use. No need of gas welders, perfect for independent application.

► Low cost:

More competitive price in comparison to sheet or ceramic roofing tiles with great aesthetics and durability.

► Little waste:

Shingles consist of handy, small modules, therefore there is little waste even on roofs of complex shapes.

► Silent roof:

Bitumen masses used for shingles manufacturing, mute sound, therefore even during heavy rain or hailstorm there is no rumble, typical for sheet roofing tiles, heard indoors.

► Easy to transport:

As shingles are much lighter than tiles, they can be easily handled, work progress is faster and the transport is cheaper.

► Low weight:

Roofing made of bitumen shingles are extremely light, therefore the load on rafter framing is reduced. Excellent for repairs and renovation, when weight is particularly important.

► Stylish look:

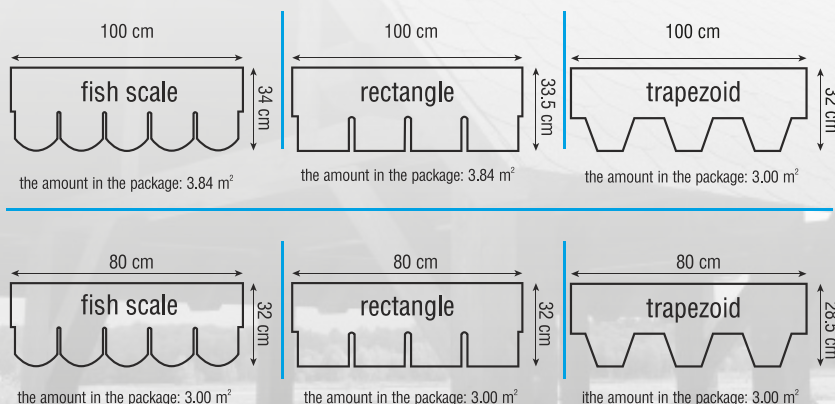
Shingles are available in various colours and shapes, therefore original aesthetic roofing can be achieved.



1000 mm

Reaction to fire	Class E	
Thickness (mm)	approx. 3mm	
Asphalt type, cold flexibility (°C)	0°C	
Flow resistance in 90°C	< 2mm	
	in the width direction	in the height direction
Maximum tensile strength	> 600 N / 50 mm	> 400 N / 50 mm
Nail tear resistance	> 100 N	
Asphalt content	> 1300 g/m ²	
UV resistance	positive	
Absorptiveness	< 2 mm	
Granule adhesion	> 2,5 g	
Hazardous substances	free of asbestos nor coal tar ingredients	

Available shapes:



Available colors:



800 mm

Reaction to fire	Class E	
Thickness (mm)	approx. 2.7 mm	
Asphalt type, cold flexibility (°C)	-25°C	
Flow resistance in 90°C	< 2mm	
	in the width direction	in the height direction
Maximum tensile strength	≥ 600 N / 50 mm	≥ 400 N / 50 mm
Nail tear resistance	≥ 100 N	
Asphalt content	(959 ± 150) g/m ²	
UV resistance	Positive	
Absorptiveness	> 2 %	
Granule adhesion	> 2,5 g	
Hazardous substances	free of asbestos nor coal tar ingredients	



IZOLMAT PRODUCTS		roll dimensions (m)	Thickness (mm)	Granules type	Reinforcement	Asphalt type, cold flexibility (°C)	Flow resistance (°C)	Tensile strength - longitudinal - transversal (N/50mm)	Elongation - longitudinal - transversal (N/50mm)	Fire rate	material warranty (years)
HEAT-WELDED TOP LAYER BITUMEN MEMBRANES											
1	IZOLMAT PLAN monomax®	5 x 1	5,2	steel	polyester reinforced with fiberglass	SBS mod. -25	+100	1200±300, 850±250	50±15, 50±15	B _{res} (t ₁)/NRO/REI	13
2	IZOLMAT PLAN protection® PYE PV250 S5,2 SS	5 x 1	5,2	antracyt	polyester	SBS mod. -25	+100	1100±200, 900±200	50±10, 50±10	B _{res} (t ₁)/NRO/REI	15
3	IZOLMAT PLAN PYE PV250 S5,2 SS	5 x 1	5,2	steel, red, green	polyester	SBS mod. -25	+100	1200±200, 900±200	50±10, 50±10	B _{res} (t ₁)/NRO/REI	15
4	IZOLMAT PLAN extra PYE PV200 S5,2 SS	5 x 1	5,2	steel	polyester	SBS mod. -20	+100	1000±150, 750±150	50±15, 50±15	B _{res} (t ₁)/NRO/REI	15
5	IZOLMAT PLAN PYE PV200 S4,2 SS	5 x 1	4,2	steel	polyester	SBS mod. -20	+100	850±150, 550±150	50±10, 50±10	B _{res} (t ₁)/NRO/REI	13
6	IZOLMAT PLAN PYE PV180 S4,0 SS	7,5 x 1	4,0	steel	polyester	SBS mod. -15	+95	850±150, 550±150	50±10, 50±10	B _{res} (t ₁)/NRO/REI	13
7	IZOLMAT opti 20 PYE PV250 S5,2 SS	5 x 1	5,2	steel	polyester reinforced with fiberglass	SBS mod. -20	+100	750±200, 450±200	50±15, 50±15	B _{res} (t ₁)/NRO/REI	10
8	IZOLMAT opti 20 PYE PV200 S5,2 SS	5 x 1	5,2	steel	polyester reinforced with fiberglass	SBS mod. -20	+100	700±200, 400±200	45±15, 45±15	B _{res} (t ₁)/NRO/REI	10
9	IZOLMAT BIT V60 S4,2 SS	5 x 1	4,2	grey	fiberglass	oxidised, 0	+70	600±100, 400±100	4±2, 4±2	REI	5
II. HEAT-WELDED UNDERLAYER BITUMEN MEMBRANES											
1	IZOLMAT PLAN PYE PV250 S5,0	5 x 1	4,8	fine grain	polyester	SBS mod. -20	+100	1050±150, 850±250	50±10, 50±10	B _{res} (t ₁)/NRO/REI	15
2	IZOLMAT PLAN PYE G200 S4,0	5 x 1	4,0	fine grain	fiberglass	SBS mod. -20	+100	1300±300, 2500±500	12±7, 12±7	B _{res} (t ₁)/NRO/REI	13
3	IZOLMAT PLAN PYE PV180 S4,0	7,5 x 1	4,0	fine grain	polyester	SBS mod. -15	+95	850±150, 550±150	50±10, 50±10	B _{res} (t ₁)/NRO/REI	10
4	IZOLMAT PLAN ultimax	10 x 1	2,5	non-woven fabric	fiberglass	SBS mod. -5	+80	1450±300, 2650±500	6±3, 6±3	B _{res} (t ₁)/NRO/REI	7
5	IZOLMAT PLAN ultimax SBS	10 x 1	2,5	non-woven fabric	fiberglass	SBS mod. -15	+95	1450±300, 2650±500	8±4, 8±4	B _{res} (t ₁)/NRO/REI	10
6	IZOLMAT PLAN PYE PV160 S3,0	7,5 x 1	3,0	fine grain	polyester	SBS mod. -15	+95	750±150, 500±150	45±15, 45±15	B _{res} (t ₁)/NRO/REI	10
7	IZOLMAT opti 20 PYE PV200 S4,0	7,5 x 1	4,0	fine grain	polyester	SBS mod. -20	+100	850±250, 650±300	50±15, 50±15	B _{res} (t ₁)/NRO/REI	10
8	IZOLMAT opti 5 PYE PV200 S4,0	7,5 x 1	4,0	fine grain	polyester	SBS mod. -5	+80	850±250, 650±300	50±15, 50±15	B _{res} (t ₁)/NRO/REI	7
9	IZOLMAT opti 5 PYE G200 S4,0	7,5 x 1	4,0	fine grain	fiberglass	SBS mod. -5	+80	1500±500, 2500±500	6±3, 6±3	B _{res} (t ₁)/NRO/REI	7
10	IZOLMAT BIT G200 S4,0	5 x 1	4,0	fine grain	fiberglass	oxidised, 0	+70	1300±300, 2500±500	6±3, 6±3	B _{res} (t ₁)/NRO/REI	7
11	IZOLMAT BIT V60 S4,0	5 x 1	4,0	fine grain	fiberglass	oxidised, 0	+70	600±100, 400±100	4±5, 4±2	B _{res} (t ₁)/NRO/REI	5
12	IZOLMAT BIT V60 S3,0	7,5 x 1	3,0	fine grain	fiberglass	oxidised, 0	+70	500±100, 300±100	4±5, 4±2	B _{res} (t ₁)/NRO/REI	3
III. SPECIAL MEMBRANES											
1	IZOLMAT TOP SP	5 x 1	4,2	steel	polyester reinforced with fiberglass	SBS mod. -20	+100	1100±200, 800±200	50±15, 50±15	B _{res} (t ₁)/NRO/REI	10
2	IZOLPLAN PYE G200 S3,0 SP	10 x 1	3,0	foil	fiberglass	SBS mod. -25	+100	1300±300, 2500±500	6±3, 6±3	B _{res} (t ₁)/NRO/REI	13
3	IZOLMAT PLAN zielony dach PYE PV250 S5,0	5,5 x 1	5,0	coarse grain	polyester	SBS mod. -20	+100	1100±150, 900±200	50±10, 50±10	B _{res} (t ₁)/NRO/REI	25
4	IZOLMAT PLAN zielony dach PYE PV200 S4,2	5,5 x 1	4,2	coarse grain	polyester	SBS mod. -20	+100	900±100, 600±100	50±15, 50±15	B _{res} (t ₁)/NRO/REI	22
5	IZOLPLAN fundament® SP	15 x 1	1,5	foil	foil PE	SBS mod. -20	-	300±150, 300±150	200±50, 200±50	-	15
6	IZOLMAT PLAN aquastoper® AI	30 x 1	1,5	foil	fiberglass - AI	SBS mod. -20	-	500±100, 300±100	4±2, 4±2	B _{res} (t ₁)/NRO/REI	15
7	IZOLMAT PLAN optimax® PV	20 x 1,01	-	fine grain	polyester	SBS mod. -25	-	400±75, 350±75	35±7, 40±7	-	2
8	IZOLVENT	20 x 1	1,3	foil	fiberglass	oxidised, 0	+70	-	-	-	-
9	IZOLMAT V60 S3,5 AI	7,5 x 1	3,5	fine grain	Composite of aluminium foil and fiberglass	oxidised, 0	+70	500±100, 300±100	4±2, 4±2	B _{res} (t ₁)/NRO/REI	8
IV. TRADITIONAL MEMBRANES											
1	TOP LAYER MEMBRANE W/400/1200	10 x 1; 7,5 x 1	2,6	grey	cardboard	oxidised, 0	+70	500±300	3±2, 3±2	-	1
2	BASE MEMBRANE P333-I	15 x 1	2,0	fine grain	cardboard	oxidised, 0	+70	500±300, 400±200	3±2, 3±2	-	1
3	INSULATING I-333	20 x 1	0,63	-	cardboard	oxidised, 0	+70	400±200, 500±300	3±2, 3±2	-	1
4	BASE MEMBRANE P/64/1200	15 x 1	2,3	fine grain	fiberglass	oxidised, 0	+70	400 100, 300 0	3±1, 3±1	-	1
5	BASE MEMBRANE P/100/1200	15 x 1	2,3; 2,45	fine grain	fiberglass	oxidised, 0	+70	700±150, 400±150	3±1, 3±1	-	1



Nexler PREMIUM 56H (PYE PV250 S56)

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane used as the top layer in multi-layer roofing systems and as an individual layer in case of roofing membrane renovation. For mechanical fastening and heat-welding. Reinforced with polyester, provides safety and membrane durability.

► **Granules type:**



coarse grain; grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.6	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 200	(N/50 mm) 900 ± 200
Elongation	60 ± 15	(%) 60 ± 15
Fire rate	B _{red} (t _i)/NRO/REI	

Nexler PREMIUM ONE (PYE PV250 S53)

highly SBS-modified heat-welded top layer bitumen membrane



2-layer
system



1-layer
system

material
warranty

- **Use:** Highly SBS-modified top layer bitumen membrane for single- and multi-layer roofing systems, used as the top layer. For mechanical fastening and heat-welding. With wide granules-free overlapping strip ensuring a single layer roofing membrane.

► **Granules type:**



coarse grain; grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{red} (t _i)/NRO/REI	

Nexler PREMIUM 53H (PYE PV250 S53)

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane used as the top layer in multi-layer roofing systems and as one-layer waterproofing in case of roofing membrane renovation. For heat-welding. Reinforced with polyester, provides safety and membrane durability.

► **Granules type:**



coarse grain; grey, claret, green



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{red} (t _i)/NRO/REI	

Nexler PREMIUM 52H (PYE PV200 S52)

highly SBS-modified heat-welded top layer bitumen membrane



material
warranty

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane used in single- and multi-layer roofing systems as the top layer and as an individual layer in case of roofing membrane renovation. For heat-welding. With polyester insert reinforced with fiber-glass threads, owing to which is more resistant to overheating.

► **Granules type:**



coarse grain; grey, claret, green



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	900 ± 200	(N/50 mm) 650 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{red} (t _i)/NRO/REI	



Nexler PREMIUM 40H (PYE PV180 S40)

highly SBS-modified heat-welded top layer bitumen membrane

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane used as the top layer in multi-layer roofing systems and for renovation of old roofing membranes. For heat-welding. Reinforced with polyester, provides safety and membrane durability.

► **Granules type:**



coarse grain; grey



Roll dimensions (m)	7.5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., - 20°C	
Flow resistance (°C)	+ 100	
	longitudinal	transversal
Tensile strength	850 ± 200	(N/50 mm) 600 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{roof} (t _i)/NRO/REI	



Nexler PREMIUM 47 (PYE PV250 S47)

highly SBS-modified heat-welded underlayer bitumen membrane

- **Use:** Highly SBS-modified heat-welded underlayer bitumen membrane used as: underlayer in multi-layer roofing, one-layer building damp-proofing (type A) and multi-layer waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. Recommended for balconies and terraces.

► **Granules type:**



fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.7	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., - 25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{roof} (t _i)/NRO/REI	



Nexler PREMIUM 40 (PYE PV200 S40)

highly SBS-modified heat-welded underlayer bitumen membrane

- **Use:** Highly SBS-modified heat-welded underlayer bitumen membrane used as: underlayer in multi-layer roofing, one-layer building damp-proofing (type A) and multi-layer waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. Recommended for balconies and terraces.

► **Granules type:**



fine grain



Roll dimensions (m)	7.5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., - 20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	900 ± 200	(N/50 mm) 650 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{roof} (t _i)/NRO/REI	



Nexler PREMIUM 29 (PYE PV180 S29)

highly SBS-modified heat-welded underlayer bitumen membrane

- **Use:** Highly SBS-modified heat-welded underlayer bitumen membrane used as: underlayer in multi-layer roofing, one-layer building damp-proofing (type A) and multi-layer waterproofing of underground building elements (type T). For heat-welding and mechanical fastening.

► **Granules type:**



fine grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.9	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., - 25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	850 ± 200	(N/50 mm) 600 ± 200
Elongation	45 ± 15	(%) 45 ± 15
Fire rate	B _{roof} (t _i)/NRO/REI	



Nexler RENOVATION

highly SBS-modified heat-welded top layer ventilating bitumen membrane

- **Use:** Highly SBS-modified heat-welded top layer bitumen membrane for roof renovation and substrate ventilation. With special bottom side which forms system of channels ventilating damp substrates. Recommended for one-layer roofing membrane renovation.

- **Granules type:**



coarse grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -25°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1100 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	



Nexler MOST+

bitumen membrane for bridges

- **Use:** Nexler MOST+ bitumen membrane is designed for one-layer waterproofing of concrete bridge objects: road and rail ones, particularly for deck slabs with vehicle traffic. The membrane can also be applied on other transport infrastructure buildings, including underground ones.

- **Granules type:**



coarse grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	5.3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	1200 ± 200	(N/50 mm) 900 ± 200
Elongation	50 ± 15	(%) 50 ± 15



Nexler STICK

highly SBS-modified self-adhesive underlayer bitumen membrane

- **Use:** Highly SBS-modified self-adhesive underlayer bitumen membrane with self-adhesive overlap. Used as the bottom layer in multi-layer systems, as damp-proofing of horizontal surfaces.

- **Top coat:**



rapidly fusible foil with self-adhesive overlap



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.5	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod., -20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	450 ± 150	(N/50 mm) 250 ± 100
Elongation	3 ± 1.5	(%) 3 ± 1.5
Fire rate	B _{mod} (t _i)/NRO/REI	



OPTIMUM 33 (PYE PV180 S33)

low-SBS-modified heat-welded underlayer bitumen membrane

- **Use:** SBS-modified heat-welded membrane for multilayer roofing as the underlayer, for one-layer damp-proofing of buildings (type A), for waterproofing of underground building elements (type T). For heat-welding and mechanical fastening.

- **Top coat:**



fine grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	3.3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -5°C	
Flow resistance (°C)	+ 80°C	
	longitudinal	transversal
Tensile strength	850 ± 200	(N/50 mm) 600 ± 200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{mod} (t _i)/NRO/REI	

5
yr
material
warranty

Nexler STANDARD 42H (v60 S42)

unmodified heat-welded top layer bitumen membrane

- **Use:** Unmodified heat-welded bitumen membrane for multi-layer roofing as the top layer. For heat-welding on stable substrates. Membrane is not used for roof details working.

- **Granules type:**



coarse grain, grey



Roll dimensions (m)	7.5 x 1	
Thickness (mm)	4.2	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	450 ± 150	(N/50 mm) 250 ± 100
Elongation	3 ± 1,5	(%) 3 ± 1,5
Fire rate	F _{roof}	

3
yr
material
warranty

Nexler STANDARD 30 (v60 S30)

unmodified heat-welded underlayer bitumen membrane

- **Use:** Unmodified heat-welded underlayer bitumen membrane for multi-layer roofing, as the underlayer on concrete substrates and for one-layer light type damp-proofing (A). For heat-welding.

- **Granules type:**



fine grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	3.0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	oxidized 0°C	
Flow resistance (°C)	+ 70°C	
	longitudinal	transversal
Tensile strength	450 ± 150	(N/50 mm) 200 ± 100
Elongation	3 ± 1,5	(%) 3 ± 1,5
Fire rate	B _{roof} (t)/NRO/REI	





Nexler PJ 53H

highly SBS-modified heat-welded top layer bitumen membrane

- **Use:** Highly SBS-modified heat-welded bitumen membrane for one- and multilayer roofing as the top layer. For heat-welding. Reinforced with polyester strengthened with fiberglass, provides safe and durable membrane.

► **Granules type:**



coarse grain, grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	5.3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., - 20°C	
Flow resistance (°C)	+ 100	
	longitudinal	transversal
Tensile strength	900 ± 250	(N/50 mm) 700 ± 250
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{ref} (t.)	



Nexler PJ 52H

highly SBS-modified heat-welded top layer bitumen membrane

- **Use:** Low SBS-modified heat-welded bitumen membrane for one- and multilayer roofing as the top layer. For heat-welding. With polyester insert reinforced with fiberglass threads, owing to which is more resistant to overheating.

► **Granules type:**



coarse grain, grey



Roll dimensions (m)	6 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, - 20°C	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	700 + 300; -200	(N/50 mm) 500 + 300; -200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{ref} (t.)	



Nexler PJ 52H Medium

highly SBS-modified heat-welded top layer bitumen membrane

- **Use:** Low SBS-modified heat-welded bitumen membrane for one- and multilayer roofing as the top layer. For heat-welding. With polyester insert reinforced with fiberglass threads, owing to which is more resistant to overheating.

► **Granules type:**



coarse grain, grey



Roll dimensions (m)	6 x 1	
Thickness (mm)	5.2	
Reinforcement	polyester reinforced with fiberglass	
Asphalt type, cold flexibility (°C)	mod. SBS, - 5°C	
Flow resistance (°C)	+ 80°C	
	longitudinal	transversal
Tensile strength	700 + 300; -200	(N/50 mm) 500 + 300; -200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{ref} (t.)	



Nexler PJ 40

highly SBS-modified heat-welded underlayer bitumen membrane

- **Use:** Highly SBS-modified heat-welded bitumen membrane for multilayer roofing as the underlayer, for one-layer damp-proofing of buildings (type A), for waterproofing of under-ground building elements (type T). For heat-welding and mechanical fastening. With polyester insert reinforced with fiberglass threads, owing to which is more resistant to overheating.

► **Granules type:**



fine grain



Roll dimensions (m)	7.5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester reinforced with fiberglass	
Asphalt type, cold flexibility (°C)	- 20°C, SBS	
Flow resistance (°C)	+ 100°C	
	longitudinal	transversal
Tensile strength	700 + 300; -200	(N/50 mm) 500 + 300; -200
Elongation	50 ± 15	(%) 50 ± 15
Fire rate	B _{ref} (t.)	



Nexler PJ G40 Medium

low SBS-modified heat-welded underlayer bitumen membrane

- **Use:** Low SBS-modified heat-welded bitumen membrane for multilayer roofing as the underlayer, for one-layer damp-proofing of buildings (type A), for waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. With fiberglass insert.

- **Granules type:**



fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	SBS mod., - 5°C	
Flow resistance (°C)	+ 80°C	
	longitudinal	transversal
Tensile strength	1300 ± 500	(N/50 mm) 2500 ± 800
Elongation	7 ± 3	(%) 7 ± 3
Fire rate	B _{roof} (t _i)/NRO/REI	

Nexler W400

top layer bitumen membrane with cardboard reinforcement

- **Use:** Membrane for standard multi-layer damp- and waterproofing. Particularly recommended as the top layer of multilayer roofing systems on ferroconcrete roofs and ceilings, concrete substrates made of concrete screeds applied on the thermal insulation layer and on wooden substrates onto which is fixed with an adhesive and additionally fastened with nails with pads. Material coated from both sides with oxidized asphalt, with coarse grain mineral granules on the top side and fine grain on the bottom side.

- **Granules type:**



coarse grain



Roll dimensions (m)	15 x 1	
Thickness (mm)	2,0	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	≤ 0°C	
Flow resistance (°C)	(80 ± 10)°C	
	longitudinal	transversal
Tensile strength	500 ± 300	(N/50 mm) 350 ± 200
Elongation	3 ± 2	(%) 3 ± 2
Fire rate	F _{ROOF}	



Details: www.izohan.com		Product name:	Surface top/bottom	Reinforcement	Thickness [mm]	Cold flexibility [°C]	Flow resistance [°C]	Tensile strength • longitudinal [N/50mm]	Tensile strength • transversal [N/50mm]	Elongation • longitudinal [N/50mm]	Elongation • transversal [N/50mm]	Length [m]	Width [m]	Flow resistance (°C)	Material warranty [years]
Nexler PREMIUM															
Top layer membranes															
	Nexler PREMIUM 56H (PVE P2030 56)	SBS mod.	granules - foil	polyester	5,6	-25	100	1200 ± 200	900 ± 200	60 ± 15	60 ± 15	5	1	120	18
	Nexler PREMIUM ONE (PVE P2030 54)	SBS mod.	granules - foil	polyester	5,3	-20	100	1200 ± 200	900 ± 200	50 ± 15	50 ± 15	5	1	120	18 ± 12
	Nexler PREMIUM 53H (PVE P2030 53)	SBS mod.	granules - foil	polyester	5,3	-25	100	1200 ± 200	900 ± 200	50 ± 15	50 ± 15	5	1	120	17
	Nexler PREMIUM 52H (PVE P2030 52)	SBS mod.	granules - foil	polyester	5,2	-20	100	900 ± 200	650 ± 200	50 ± 15	50 ± 15	5	1	120	15
	Nexler PREMIUM 40H (PVE P2030 40)	SBS mod.	granules - foil	polyester	4,0	-20	100	850 ± 200	600 ± 200	50 ± 15	50 ± 15	7,5	1	150	10
Underlayer and insulating membranes															
	Nexler PREMIUM 47 (PVE P2030 47)	SBS mod.	sand - foil foil - foil	polyester	4,7	-25	100	1200 ± 200	900 ± 200	50 ± 15	50 ± 15	5	1	120	15
	Nexler PREMIUM 40 (PVE P2030 40)	SBS mod.	sand - foil foil - foil	polyester	4,0	-20	100	900 ± 200	650 ± 200	50 ± 15	50 ± 15	7,5	1	150	15
	Nexler PREMIUM 29 (PVE P2030 29)	SBS mod.	sand - foil foil - foil	polyester	2,9	-20	100	850 ± 200	600 ± 200	45 ± 15	45 ± 15	10	1	200	13
Special membranes															
	Nexler RENOVATION	SBS mod.	granules - foil	polyester	5,3	-25	100	1100 ± 200	900 ± 200	50 ± 15	50 ± 15	5	1	120	10
	Nexler MOST+	SBS mod.	granules - foil	polyester	5,0	-20	100	≥ 1100	≥ 800	≥ 40	≥ 40	5,10 7,5	1	120 112,5	10
	Nexler STICK	SBS mod.	foil - foil	fiberglass	2,5	-20	100	450 ± 150	250 ± 100	3 ± 1,5	3 ± 1,5	10	1	240	10
Nexler OPTIMUM															
Underlayer and insulating membranes															
	Nexler OPTIMUM 33 (PVE P2030 33)	SBS mod.	sand - foil foil - foil	polyester	3,3	-5	80	850 ± 200	600 ± 200	50 ± 15	50 ± 15	10	1	200	8
Nexler STANDARD															
Top layer membranes															
	Nexler STANDARD 42H (PVE 542)	oxidized	granules - foil	fiberglass	4,2	0	80	450 ± 150	250 ± 100	3 ± 1,5	3 ± 1,5	7,5	1	150	5
Underlayer and insulating membranes															
	Nexler STANDARD 30 (PVE 530)	oxidized	sand - foil foil - foil	fiberglass	3,0	0	70	450 ± 150	200 ± 100	3 ± 1,5	3 ± 1,5	10	1	200	3
Nexler PJ															
Top layer membranes															
	Nexler PJ 53H	SBS mod.	granules - foil	polyester	5,3	-20	100	900 ± 250	700 ± 250	50 ± 15	50 ± 15	5	1	120	12
	Nexler PJ 52H	SBS mod.	granules - foil	polyester	5,2	-20	100	700 ± 300; -200	500 ± 300; -200	50 ± 15	50 ± 15	5	1	120	12
	Nexler PJ 52H Medium	SBS mod.	granules - foil	polyester	5,2	-5	90	700 ± 300; -200	500 ± 300; -200	50 ± 15	50 ± 15	5	1	120	10
Underlayer membranes															
	Nexler PJ 40	SBS mod.	sand - foil	polyester	4,0	-20	100	700 ± 300; -200	500 ± 300; -200	50 ± 15	50 ± 15	7,5	1	150	5
	Nexler PJ 640 Medium	SBS mod.	sand - foil	fiberglass	4,0	-5	80	1300 ± 500	2500 ± 800	7 ± 3	7 ± 3	7,5	1	150	1
	Nexler W400	oxidized	sand - foil	building board	2 grams per sq m	0	70	500 ± 300	350 ± 200	3 ± 2	3 ± 2	15	1	300	1



on roof



heat welding



outdoors



mechanical fastening



outdoors and indoors



application with bitumen adhesive



vertical and horizontal



self-adhesive bitumen membrane



vertical



foundations



horizontal



terraces and balconies



rubber float



water vapour barrier



float



green roof



paint brush



bridges



spatula



road viaducts



foam gun



railway viaducts



roller



pouring



spraying



roofing brush



caulk gun



chemical-resistant



quick assembling

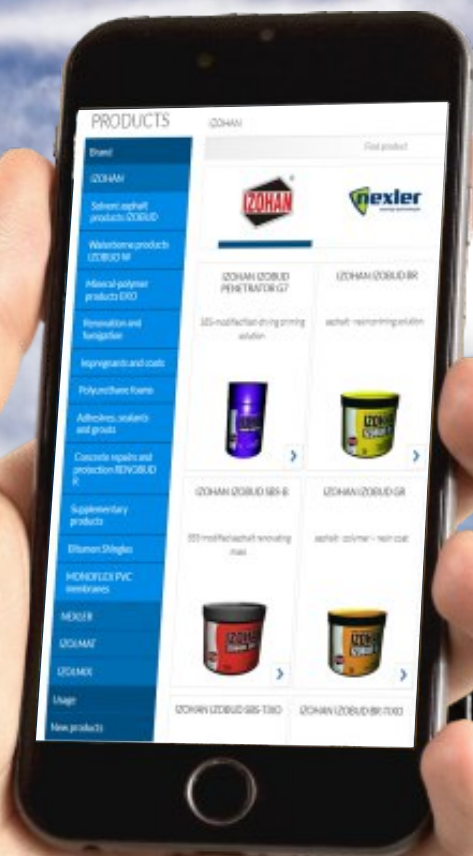
The colours of the materials shown have a view character and may differ from the real ones, which results from the type of materials in use.

All product parameters listed refer to temperature +20°C and 55% relative air humidity.

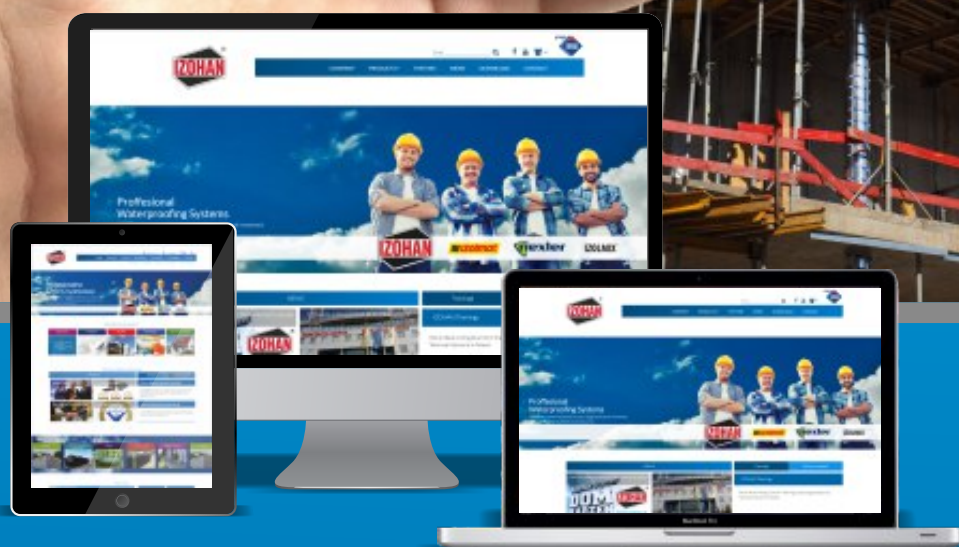








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IZOHAN sp. z o.o.
e-mail: export@izohan.com, www.izohan.com



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implemented
the integrated
management
system according to



Gold Emblems QI 2015



Fair Play Company 1999-2015



Business Gazelle 2008-2015



Golden Payer Certificate 2014



Building Company of the Year 2014-2015



Construction Creator 2015



IZOHAN sp. z o.o.
e-mail: export@izohan.com, www.izohan.com

EDITION 2016