



ATLAS **rendering systems**

EXTERNAL WALL RENDERING
SYSTEMS GUIDEBOOK



2023



WIDE RANGE OF PRODUCTS FOR PROTECTION
AND DECORATION OF BUILDING FAÇADES

VARIETY OF STRUCTURES AND RICH COLOUR PALETTE BRING
NUMEROUS POSSIBILITIES FOR: ARCHITECTS, DESIGNERS,
INVESTORS AND CONTRACTORS SEARCHING FOR NEW
AND QUAIN T SOLUTIONS

ATLAS OFFERS HIGH QUALITY THIN-COAT RENDERS AND
FAÇADE PAINTS AVAILABLE IN 480 SAH COLOURS
AS WELL AS WIDE RANGE OF DECORATIVE RENDERS

PRODUCT BRANDS



GIPSAR

DOLINA NIDY

WIM

Cesal

IZOHAN

FOX
DÉCORATOR

NOWYLAD
Wielkie mocne siły

izomat

nexler



RAW MATERIALS, ENERGETICS, LOGISTICS

DOLINA NIDY

NOWYLAD
Wielkie mocne siły



NIDA
media

sped
PARTNER

PUBLIC BENEFIT ORGANISATION

ATLAS SZTUKI



ATLAS group



Company ATLAS was set up over 30 years ago. Currently ATLAS forms a huge holding of over 20 entities – manufacturers of construction chemicals and raw materials used in production of building products. Our infrastructure includes factories of cement, gypsum, dispersive and bitumen materials.

ATLAS Group portfolio is prepared in relation to current market demand and users expectations. It includes over 1,000 products and thousands of comprehensive technological system solutions for construction and refurbishment, for individual and multi-family buildings, for public and industrial investment.

Products quality, technology and creation is supervised by Research and Development Laboratory. Almost 100 people are engaged in the process of preparation of the new product offer, improvement of the existing one and search for new technological solutions.

ATLAS leads a successful program of cooperation with professionals– we offer wide range of trainings, certification and current support.

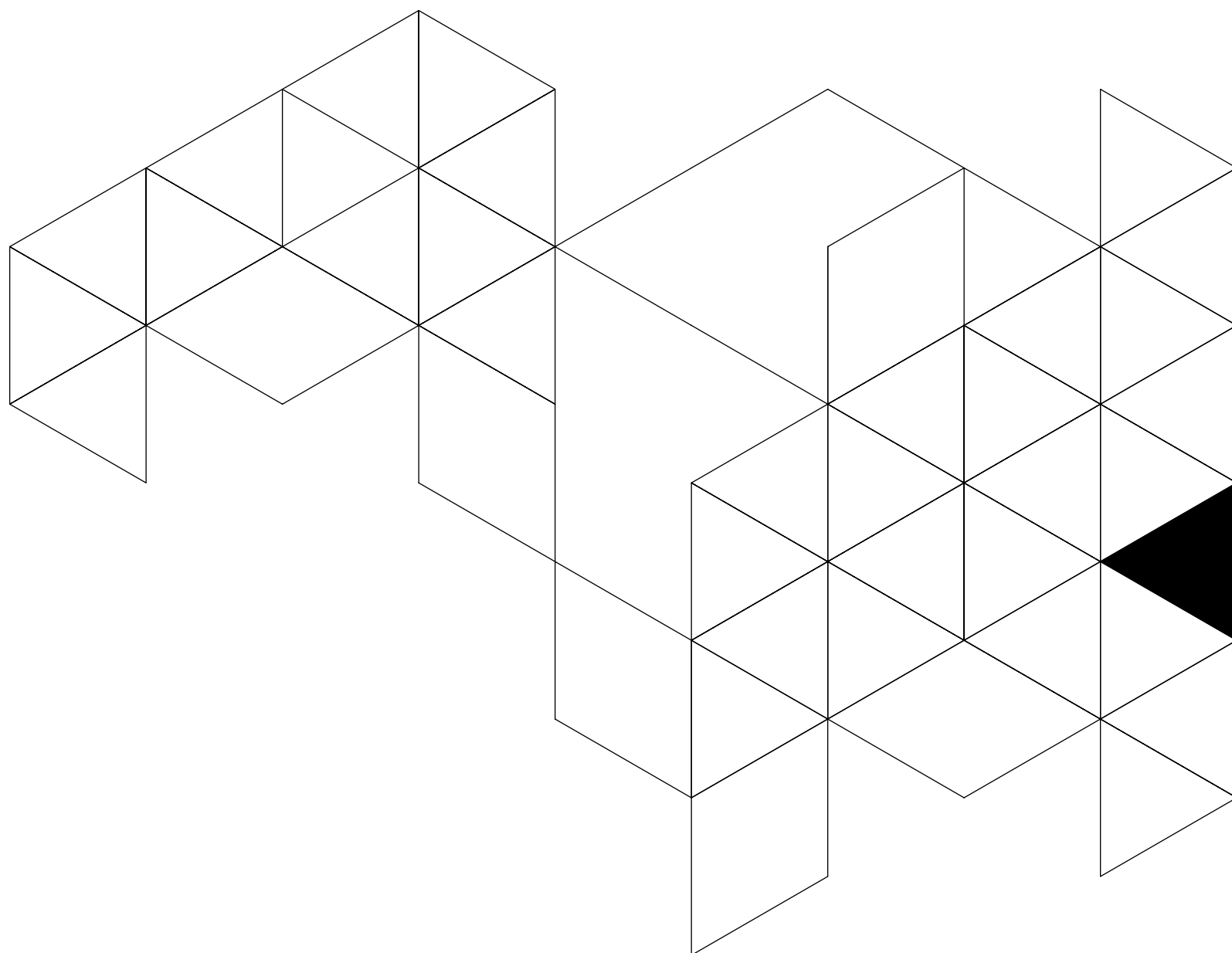


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rendering systems

ATLAS



rendering systems

The variety of products used with ATLAS rendering systems gives the possibility of creation of numerous solutions. Nevertheless, sometimes the complexity of technical aspects hampers individual creation of sets of materials. Caring about time and convenience of our partners, we propose the following sets divided on the basis of their particular performance. Each solution meets individual needs and differs in expected operational durability, decorative effect and designed application conditions. Nevertheless, they are just recommendations and do not limit the possibility of free arrangement of own solutions.

introduction



Rendering systems are ready-to-use solutions which allow to apply new or repair existing façade top finishes. They can be used upon residential buildings: detached, semi-detached or terraced, as well as commercial and service facilities, etc. Rendering systems are intended for use both during renovation works and during construction of new buildings.

In case of façade renovation, a properly chosen rendering system works well also on old and previously damaged substrates. ATLAS rendering systems not only improve the technical condition of walls, but also protect them from further degradation and refresh the façade with new, aesthetic appearance.

In case of newly built facilities, ATLAS rendering systems allow us to customize the way in which a wall is finished with attention to operational conditions for a given building. To that end systems include modern thin-coat renders which differ in terms of operational properties, so that the most appropriate solution can be selected.

PROTECTION

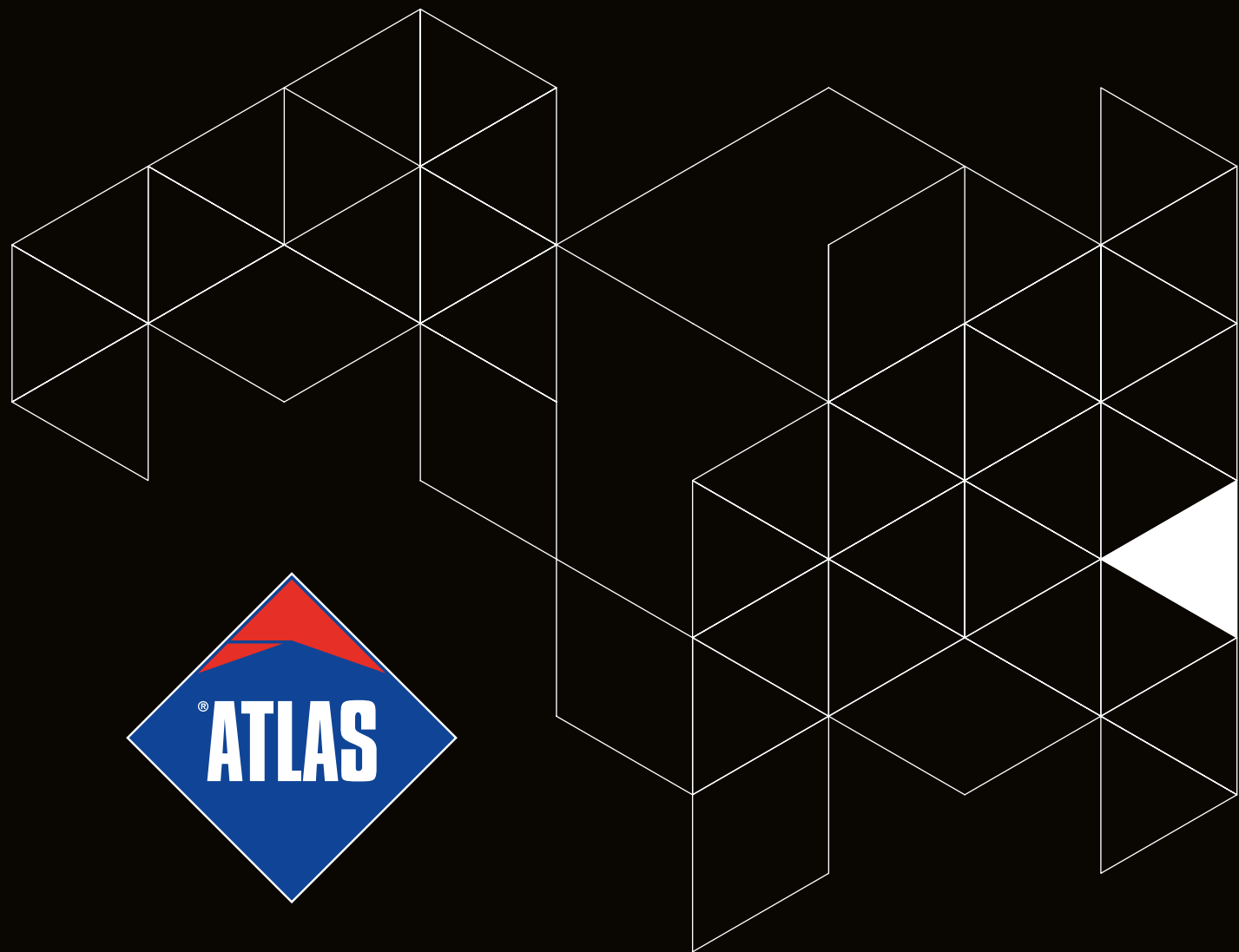
Rendering systems provide protection of structural elements. They protect them against atmospheric (rain, snow, wind) and operational (aging processes, mechanical damage) factors. This improves the building and its individual elements life span and gives façade a new, elegant appearance.

DESIGN

Rendering systems offer wide range of possible façade finishes: from traditional smooth renders to modern thin-coat renders of decorative and attractive appearance. It is absolutely possible to combine various materials on the façade surface and use both intense and pastel colours.

COLOUR

Renders and paints for façades included in ATLAS rendering systems are coloured within the mass (body tinted) with UV-resistant pigments. Rich palette of colours allows us to be independent when choosing the final characteristic of the façade. Overall, the designer may select from 400 standard shades: 200 colours prepared to meet the current market expectations regarding the most fashionable pastels and 200 more intensive ones.



ATLAS

rendering systems



DURABILITY

WATER-REPELLENT

IMPROVED IMPACT RESISTANCE

SELF-CLEANING ABILITY

BIOCIDE CAPSULES

RESISTANCE TO UV

DESIGN

INSPIRATION

WIDE RANGE OF TEXTURES

PATTERNS

INTENSIVE COLOURS

FREEDOM OF COMPOSITION



SAFETY

FAST AND CONVENIENT

HIGH YIELD

EASY IN USE

USE IN VARIOUS
WEATHER CONDITIONS



Option I

Traditional rendering system with paint coating, without additional reinforcement.

Intended use:
Recommended for buildings which were not previously rendered, on sound substrates not vulnerable to deformation and not subjected to cracking.

Application area:
Residential buildings, farm buildings, workshops, garages, etc. Option I is an ideal solution for smooth and mechanically resistant renders, intended for use beneath colourful façade paints coatings.

Types of substrates:
Rough (not rendered) brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks.

OPTION I	SYSTEM ELEMENTS	
Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS CEMENT BASE COAT	cement mortar characterised by strong bonding to substrate, forms contact layer, manual and machine application
Main coat	ATLAS PLASTERING MIX	cement mortar for indoor and outdoor rendering, available in two versions: for manual and machine application
Finish coat	ATLAS REKORD **) (optionally)	cement top finish for walls and ceilings
	ATLAS SALTA	modern silicone paint

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

**) optionally, if perfectly smooth façade surface must be formed

MOST IMPORTANT CHARACTERISTICS:

- low price – budget solution,
- high resistance to mechanical impacts and vandalism
- high interlayer bonding provided by two-layer system (cement base coat + main coat)
- elimination of potential substrate unevenness with layer up to 30 mm thick
- self-cleaning characteristic of silicone paint guarantees clean façade for longer; no need for additional maintenance
- silicone paint available in 400 colours, from pastel to more intensive ones



Option II

Modern rendering system with acrylic render, without additional reinforcement.

Intended use:
Recommended for buildings which were not previously rendered, on sound substrates not vulnerable to deformation and not subjected to cracking.

Application area:
Residential buildings, production or service buildings, workshops, garages, etc. Option II is particularly recommended if one aims to achieve an elegant top finish using thin-coat render without the need for additional reinforcing mesh layer. Allows the contractor to apply render of spotted texture or colourful mosaic render.

Types of substrates:
Rough (not rendered) brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks.

OPTION II	SYSTEM ELEMENTS	
Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS CEMENT BASE COAT	cement mortar characterised by strong bonding to substrate, forms contact layer, manual and machine application
Main coat	ATLAS PLASTERING MIX	cement mortar for indoor and outdoor rendering, available in two versions: for manual and machine application
Finish coat	ATLAS CERPLAST	priming mass for renders, improves the thin-coat render bonding to the substrate
	ATLAS ACRYLIC RENDER ATLAS DEKO M	thin-coat render: acrylic, mosaic

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

- MOST IMPORTANT CHARACTERISTICS:**
- very competitive price – a stylish wall top finish formed with the use of low cost material
 - very low water absorption of the finishing coat makes the system extremely durable
 - high resistance and flexibility of the finishing coat
 - wide selection of colourful renders, various possibilities of the building final appearance
 - mosaic render can be used on plinths and at areas near to the entrance



Option III

Modern rendering system with silicone render, without additional reinforcement.

Intended use:
Recommended for buildings which were not previously rendered, on sound substrates not vulnerable to deformation and not subjected to cracking.

Application area:
Residential buildings, production or service buildings, workshops, garages, etc. Option III is ideal for finishes with decorative spotted texture, without the need for additional reinforcing layer of mesh. Silicone render properties make it a superb solution for buildings located in industrial, rural and green areas.

Types of substrates:
Rough (not rendered) brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks.

OPTION III	SYSTEM ELEMENTS	
Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS CEMENT BASE COAT	cement mortar characterised by strong bonding to substrate, forms contact layer, manual and machine application
Main coat	ATLAS PLASTERING MIX	cement mortar for indoor and outdoor rendering, available in two versions: for manual and machine application
Finish coat	ATLAS SILKON ANX ATLAS CERPLAST **)	priming mass for renders, improves the thin-coat render bonding to the substrate
	ATLAS SILICONE RENDER ATLAS SILICONE-SILICATE RENDER ATLAS SILICONE HYBRID RENDER	thin-coat render: silicone, silicone-silicate or acrylic-silicone

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

**) use ATLAS CERPLAST only together with ATLAS SILICONE HYBRID RENDER

MOST IMPORTANT CHARACTERISTICS:

- very competitive price – a stylish wall top finish formed with the use of low cost material
- very high resistance to dirt – silicone renders form surface of tight and non-porous structure which repel contamination (dust, fumes, organic dirt)
- render ability for surface self-cleaning during precipitation
- very high flexibility and resistance of the finishing coat
- wide selection of colourful renders, various possibilities of the building final appearance



Option IV

Modern rendering system with acrylic render, with additional reinforcement.

Intended use:
Recommended for already rendered buildings, on substrates vulnerable to cracking and utilized in particularly unfavorable conditions.

Application area:
Residential buildings, production or service buildings, workshops, garages, etc. Option IV is recommended for old or poor substrates, cracked renders etc. Reinforcement with mesh provides even and sound substrate for thin-coat render with decorative spotted texture or colourful mosaic render.

Types of substrates:
Traditional, thick-coat façade renders (cement, cement-lime), also even, not-rendered walls made of cellular concrete blocks with thin joints.

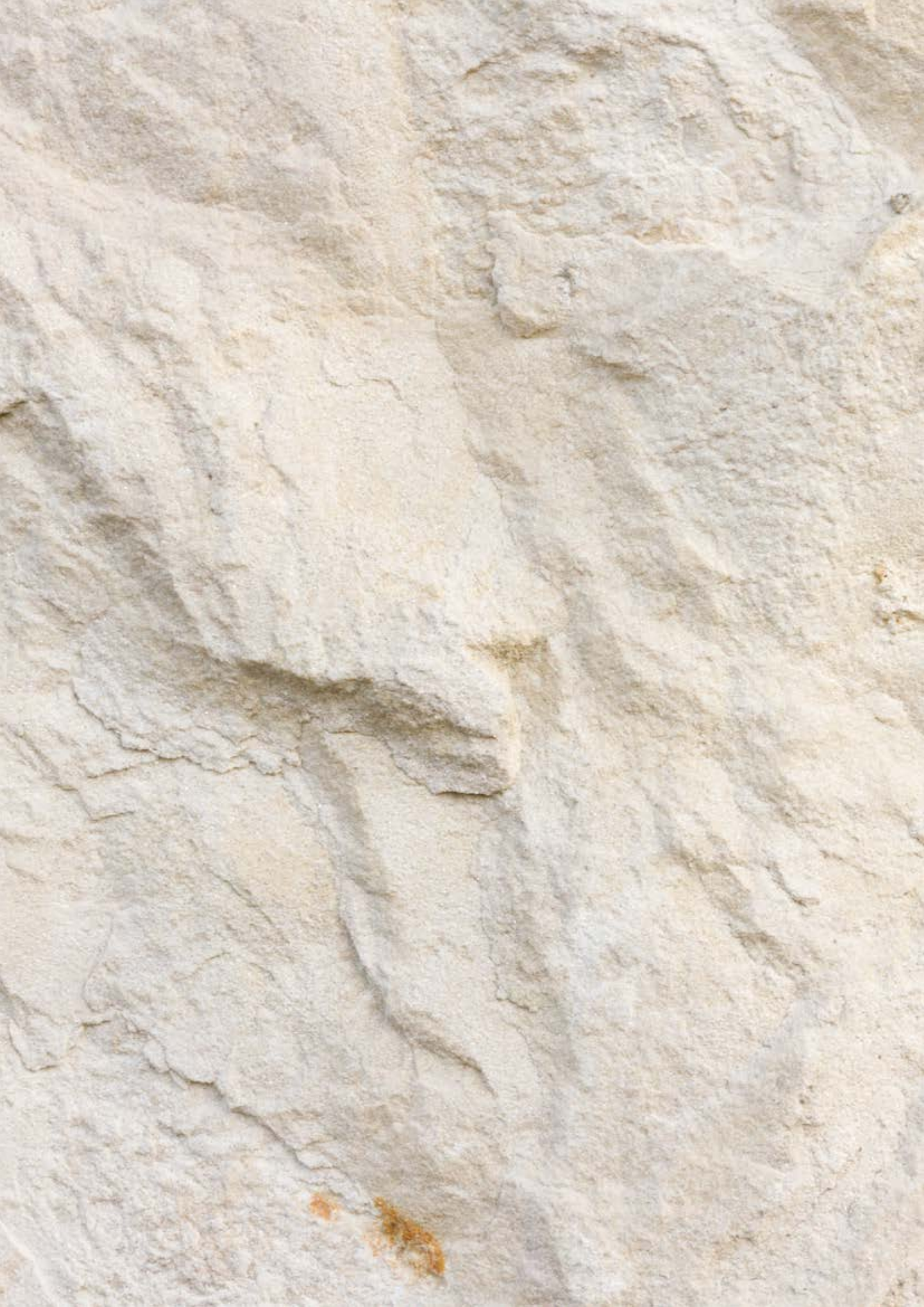
OPTION IV	SYSTEM ELEMENTS	
Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS ZW 330 **)	cement, fast setting levelling mortar
Main coat	ATLAS HOTER U ATLAS STOPTER K-20	cement adhesive mortar, with reinforcing fibres
	reinforcing mesh	fibreglass mesh protected against alkali, minimum surface mass 150 g/m²
Finish coat	ATLAS CERPLAST	priming mass for renders, improves the thin-coat render bonding to the substrate
	ATLAS ACRYLIC RENDER ATLAS DEKO M	thin-coat render: acrylic, mosaic

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

**) in case of very smooth substrates the levelling compound is not required

MOST IMPORTANT CHARACTERISTICS:

- stylish wall finish formed with low cost materials
- very good system durability – owing to the main coat made of adhesive with reinforcing mesh embedded and very low absorption of the finishing coat
- high flexibility and resistance of the finishing coat
- wide selection of colourful renders, various possibilities of the building final appearance
- mosaic render can be used on plinths and at areas near to the entrance



Option V

Modern rendering system with silicone render, with additional reinforcement.

Intended use:
Recommended for already rendered buildings, on substrates vulnerable to cracking and utilized in particularly unfavourable conditions.

Application area:
Residential buildings, production or service buildings, workshops, garages, etc. Option V is recommended for old or poor substrates, cracked renders etc. Reinforcement with mesh provides even and sound substrate for thin-coat render with decorative spotted texture.

Types of substrates:
Traditional, thick-coat façade renders (cement, cement-lime), also even, not-rendered walls made of cellular concrete blocks with thin joints.

OPTION V	SYSTEM ELEMENTS	
Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS ZW 330 **)	cement, fast setting levelling mortar
Main coat	ATLAS HOTER U ATLAS STOPTER K-20	cement adhesive mortar, with reinforcing fibres
	reinforcing mesh	fibreglass mesh protected against alkali, minimum surface mass 150 g/m²
Finish coat	ATLAS SILKON ANX ATLAS CERPLAST ***)	priming mass for renders, improves the thin-coat render bonding to the substrate
	ATLAS SILICONE RENDER ATLAS SILICONE-SILICATE RENDER ATLAS SILICONE HYBRID RENDER	thin-coat render: silicone, silicone-silicate or acrylic-silicone

*) emulsion required in case of walls made of cellular concrete or highly porous substrates
**) in case of very smooth substrates the levelling compound is not required
***) use ATLAS CERPLAST only together with ATLAS SILICONE HYBRID RENDER

MOST IMPORTANT CHARACTERISTICS:

- excellent system durability – owing to the main coat made of adhesive with reinforcing mesh embedded and very low absorption of the finishing coat
- very high resistance to dirt – silicone renders form surface of tight and non-porous structure which repel contamination (dust, fumes, organic dirt)
- render ability for surface self-cleaning during precipitation
- wide selection of colourful renders, various possibilities of the building final appearance

recommendations regarding use



ATLAS rendering systems include complete, professional material solutions, structured in five options, marked with numbers from I to V:

- Option I - traditional rendering system with paint coating, without additional reinforcement.
- Option II - modern rendering system with acrylic render, without additional reinforcement.
- Option III - modern rendering system with silicone render, without additional reinforcement.
- Option IV - modern rendering system with acrylic render, with additional reinforcement.
- Option V - modern rendering system with silicone render, with additional reinforcement.

Each option comprises slightly different application technology and is composed of different materials. Selection of a particular solution depends on several factors – building location, type of substrate as well as the preferred type of top finish and façade colour arrangement. Recommended areas of application for each option are shown in the table below:

	OPTION I	OPTION II	OPTION III	OPTION IV	OPTION V
POSSIBLE USE – TYPES OF FACILITIES					
residential buildings	• •	• • •	• • •	• • •	• • •
industrial buildings	• •	-	• • •	-	• • •
farm and agricultural buildings	• •	•	• • •	•	• • •
commercial, service and public access buildings	• •	• •	• • •	• • •	• • •
POSSIBLE USE – FACILITIES LOCATION					
urban areas	• • •	• •	• • •	• •	• • •
industrial and investment areas	• •	•	• • •	•	• • •
rural and agricultural areas	• •	• •	• • •	• •	• • •
wetlands and wet areas, areas close to water reservoirs	• •	• •	• • •	• •	• • •
areas close to forests and clusters of greenery	• •	• •	• • •	• •	• • •
shaded areas	• •	• •	• • •	• •	• • •
RENDERING SYSTEM PROPERTIES					
water vapour permeability	• • •	• •	• • •	• •	• • •
water absorption	• •	• • •	• •	• • •	• •
resistance to dirt	• • •	• •	• • •	• •	• • •
resistance to impacts	• • •	• •	• •	• • •	• • •
resistance to cracking	•	• •	• •	• • •	• • •

Legend:
• - average suitability, • • - high suitability, • • • - very high suitability



renders and paints

ATLAS

Thin-coat renders and façade paints ATLAS give not only wide range of colours, textures and decorative effects, but most of all decide about long term system durability. They form a protective barrier against harmful external factors, such as: temperature, UV radiation, precipitation, dust, mould and lichens. Basing on our tests and long term experience, we recommend to select products in respect of its properties, but also building type and location, substrate type, etc.

façade renders

	ATLAS DISPERSIVE RENDERS				ATLAS DECORATIVE RENDERS			ATLAS MINERAL RENDERS
	SILICONE RENDER	SILICONE HYBRID RENDER	SILICONE-SILICATE RENDER	ACRYLIC RENDER	MOSAIC RENDER	CERMIT WN + BEJCA	CERMIT N-100	CERMIT ND
OBJECT TYPE								
residential housing	• • • • •	• • • • •	• • • •	• • • •	• • • • •	• • • • •	• • • • •	• • •
public access and commercial buildings	• • • • •	• • • •	• • • •	• • •	• • • • •	• • • • •	• • • • •	• • •
industrial buildings	• • • • •	• • •	• • • •	• •	• • • •	•	• • • • •	• • •
outbuildings	• • • • •	• • •	• • • •	• •	•	•	• • • •	• • • •
infrastructure	• • • •	• • • • •	• • • •	• • • •	• • • • •	•	•	• •
heritage buildings	• • •	-	• •	-	-	-	• •	• • • •
LOCATION								
city, urban and industrial areas	• • • • •	• • • • •	• • •	• • •	• • • • •	• • • • •	• • • • •	• • •
rural and agricultural areas	• • • • •	• • •	• • •	•	• • • • •	• • • • •	• • • • •	• • •
wet areas, close to water reservoirs	• • • • •	• • •	• • •	•	• •	• • • • •	• • •	• • • •
forests	• • • • •	• • •	• • •	•	• •	• • • • •	• • •	• • • • •
USE WITH EXTERNAL WALL INSULATION								
ATLAS ETICS (EPS)	+	+	+	+	+	+	+	+
ATLAS ROKER (MW)	+	-	+	-	+	+	-	+

- • • • • the best possible solution
- limited use

professional thin-coat renders

ATLAS thin-coat façade renders are designed and produced to meet the requirements of professionals and demanding investors who do not accept compromises between quality and aesthetics. They include the latest achievements in construction chemicals, especially in the field of binders, which in practice determine the quality and durability of renders. All ATLAS renders are based on five, unique and state-of-the-art protective systems:



ELASTICITY AND STRENGTH – formula providing improved elasticity and resistance to impacts; render compensates stress resulting from surface hits better, keeps consistent, does not chip off.



Resistant to cracking

RESISTANT TO CRACKING – improved resistance resulting from the presence of dispersed microfibres, which strengthen the render within its entire volume – render is protected against possible cracks caused by tension and alternate surface heating and cooling.



BIO PROTECTION – creates unfavourable conditions for biological contamination. Renders have very low superficial water absorption. They also contain special biocide capsules, which improve resistance to fungi, algae and lichens growth.



COLOUR DURABILITY – advanced technology provides colour durability resulting from the use of modern pigments, automatic system of dosing and permanently supervised process of manufacturing – render keeps its initial colour, is more resistant to bleaching and UV radiation.



Environmentally friendly

ENVIRONMENTALLY FRIENDLY – render recipe was designed in accordance to the sustainable development aspects: maximally reduced amount of volatile organic compounds and use of natural fillers only.

façade paints

	SILICONE PAINTS		SILICATE PAINT	ACRYLIC PAINT
	ATLAS SALTA N	ATLAS SALTA	ATLAS SALTA S	ATLAS SALTA E
USE				
thin-coat mineral renders	• • • • •	• • • •	• • • • •	• • •
thin-coat silicate renders	• • •	• •	• • • • •	•
thin-coat silicone renders	• • • • •	• • •	-	• •
thin-coat silicone-silicate renders	• • • • •	• • • •	-	• •
thin-coat acrylic renders	• • • • •	• • • •	-	• • • • •
thin-coat acrylic-silicone renders	• • • • •	• • • •	-	• • • •
lime and renovation renders	• • •	• •	• • • • •	-
cement-lime, cement renders	• • • • •	• • • •	• • • • •	• •
concrete substrates	• • • • •	• • • •	• • • • •	• •
rough walls (concrete, brick, hollow blocks)	• • • • •	• • • •	• • • •	• • •
silicate paint coatings	• • •	• •	• • • • •	•
silicone paint coatings	• • • • •	• • • •	-	• • •
acrylic paint coatings	• • • • •	• • • •	-	• • • • •
OBJECT TYPE				
residential housing	• • • • •	• • • •	• • • •	• • •
public access and commercial buildings	• • • • •	• • • •	• • • •	• • •
industrial buildings	• • • • •	• • • •	• • •	• • •
outbuildings	• • • • •	• • • •	• • • •	• • •
infrastructure	• • • • •	• • • •	• • •	• • • •
heritage buildings	• • •	• • •	• • • • •	-
LOCATION				
city, urban and industrial areas	• • • • •	• • • •	• • •	• • • •
rural and agricultural areas	• • • • •	• • • •	• • • •	• • •
wet areas, close to water reservoirs	• • • • •	• • • •	• • • • •	• • •
forests	• • • • •	• • •	• • • • •	• •
USE WITH EXTERNAL WALL INSULATION				
ATLAS ETICS (EPS)	+	+	+	+
ATLAS ROKER (MW)	+	+	+	-

- • • • • the best possible solution
- limited use

professional façade paints
ATLAS SALTA and ATLAS SALTA N

ATLAS SALTA and ATLAS SALTA N are modern paints produced on the basis of modified silicone resin. They combine the advantages of silicate and dispersive paints: high elasticity, excellent vapour permeability and resistance to abrasion and weathering. In addition, the paints are resistant to variable weather conditions as well as aggressive elements from the substrate and the environment. The paint coating is extremely tight and microscopically smooth. Therefore, dirt particles and fungal spores detach easily and are removed naturally during rainfall – the façade does not require frequent maintenance. ATLAS SALTA and ATLAS SALTA N paints were designed on the basis of three unique and state-of-the-art protective systems:



BIO PROTECTION – creates unfavourable conditions for fungi and algae growth due to low water absorption. High quality of silicone resin efficiently protects painted surface from water ingress and superficial contamination. The paint coating is extremely tight and microscopically smooth so dirt particles and fungal spores detach easily and are removed naturally during precipitation.



COLOUR DURABILITY – advanced technology guarantees improved colour durability. Due to the use of modern pigments, automatic system of dozing and permanently supervised process of manufacturing – paint keeps its initial colour, is more resistant to bleaching and UV radiation.



ENVIRONMENTALLY FRIENDLY – due to our concern for the natural environment the paint recipe was designed to include the sustainable development policy – only natural fillers were used and volatile compounds content was maximally reduced.



façade renders and paints

ATLAS

ATLAS renders and paints are available in wide range of colours - the current palette includes 480 carefully selected shades. The colour scheme was developed in collaboration with urban planning experts and colour scheme professionals. Finally, we created modern and optimum colour scheme offer which responds to actual requirements and needs of the market, in line with the latest design trends.

480 colours in our palette are divided into three groups. The first one consists of 200 pastel, toned-down colours selected based on currently most fashionable shades. The second one is represented by 200 colours of more saturated shades. The third and smallest group consists of 80 intensive shades. Therefore, among the colours one can find both colours usually chosen as dominant (to be applied on the greater part of a façade) as well as accompanying shades, used only to accentuate certain elements or fragments of the building, e.g. plinths, recesses.

The palette of 480 colours of ATLAS renders and paints will work well for both traditional buildings and modern architecture. While choosing colours of a façade, one does not need to worry about the use of intense shades or unconventional combinations with pastels. Delicate colours help us to adjust the appearance of the building façade to the surroundings, both in terms of nature and neighbouring buildings. In addition, the use of bright shades enhances the aesthetics and enlarges the building visually. Details and elements painted with dark, rich paint colours perfectly emphasize the value of a facility, giving it its individual character and composing well with, e.g. lining or closest surroundings.

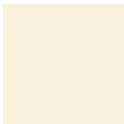































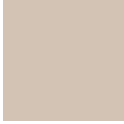







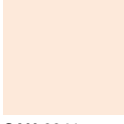
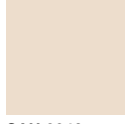


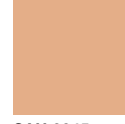
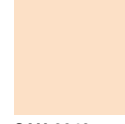
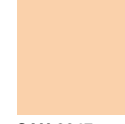
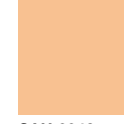
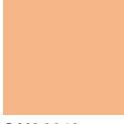
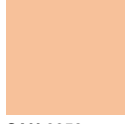
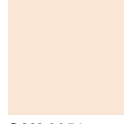
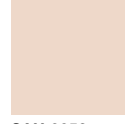


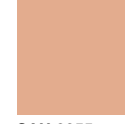
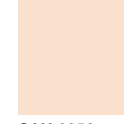




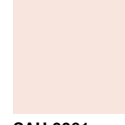
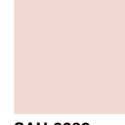
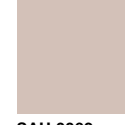

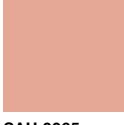
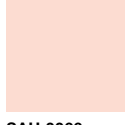
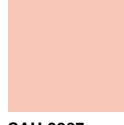
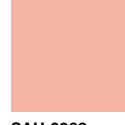
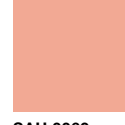
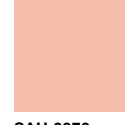
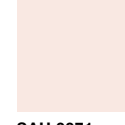
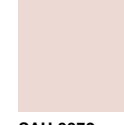
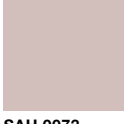
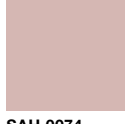
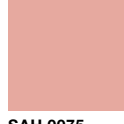
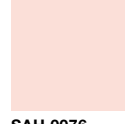
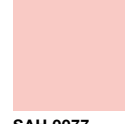
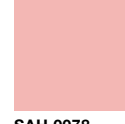

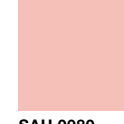


**SAH
colour
range**

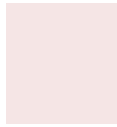


façade renders and paints

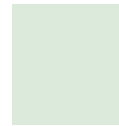

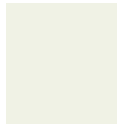




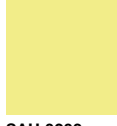





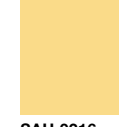

SAH COLOUR RANGE






							
SAH 0001	SAH 0002	SAH 0003	SAH 0004	SAH 0005	SAH 0006	SAH 0007	SAH 0008
							
SAH 0009	SAH 0010	SAH 0011	SAH 0012	SAH 0013	SAH 0014	SAH 0015	SAH 0016
							
SAH 0017	SAH 0018	SAH 0019	SAH 0020	SAH 0021	SAH 0022	SAH 0023	SAH 0024
							
SAH 0025	SAH 0026	SAH 0027	SAH 0028	SAH 0029	SAH 0030	SAH 0031	SAH 0032
							
SAH 0033	SAH 0034	SAH 0035	SAH 0036	SAH 0037	SAH 0038	SAH 0039	SAH 0040
							
SAH 0041	SAH 0042	SAH 0043	SAH 0044	SAH 0045	SAH 0046	SAH 0047	SAH 0048
							
SAH 0049	SAH 0050	SAH 0051	SAH 0052	SAH 0053	SAH 0054	SAH 0055	SAH 0056
							
SAH 0057	SAH 0058	SAH 0059	SAH 0060	SAH 0061	SAH 0062	SAH 0063	SAH 0064
							
SAH 0065	SAH 0066	SAH 0067	SAH 0068	SAH 0069	SAH 0070	SAH 0071	SAH 0072
							
SAH 0073	SAH 0074	SAH 0075	SAH 0076	SAH 0077	SAH 0078	SAH 0079	SAH 0080

Shown colours are for illustrative purposes only and might slightly differ from the actual shades.

							
SAH 0081	SAH 0082	SAH 0083	SAH 0084	SAH 0085	SAH 0086	SAH 0087	SAH 0088
							
SAH 0089	SAH 0090	SAH 0091	SAH 0092	SAH 0093	SAH 0094	SAH 0095	SAH 0096
							
SAH 0097	SAH 0098	SAH 0099	SAH 0100	SAH 0101	SAH 0102	SAH 0103	SAH 0104
							
SAH 0105	SAH 0106	SAH 0107	SAH 0108	SAH 0109	SAH 0110	SAH 0111	SAH 0112
							
SAH 0113	SAH 0114	SAH 0115	SAH 0116	SAH 0117	SAH 0118	SAH 0119	SAH 0120
							
SAH 0121	SAH 0122	SAH 0123	SAH 0124	SAH 0125	SAH 0126	SAH 0127	SAH 0128
							
SAH 0129	SAH 0130	SAH 0131	SAH 0132	SAH 0133	SAH 0134	SAH 0135	SAH 0136
							
SAH 0137	SAH 0138	SAH 0139	SAH 0140	SAH 0141	SAH 0142	SAH 0143	SAH 0144
							
SAH 0145	SAH 0146	SAH 0147	SAH 0148	SAH 0149	SAH 0150	SAH 0151	SAH 0152
							
SAH 0153	SAH 0154	SAH 0155	SAH 0156	SAH 0157	SAH 0158	SAH 0159	SAH 0160

							
SAH 0161	SAH 0162	SAH 0163	SAH 0164	SAH 0165	SAH 0166	SAH 0167	SAH 0168
							
SAH 0169	SAH 0170	SAH 0171	SAH 0172	SAH 0173	SAH 0174	SAH 0175	SAH 0176
							
SAH 0177	SAH 0178	SAH 0179	SAH 0180	SAH 0181	SAH 0182	SAH 0183	SAH 0184
							
SAH 0185	SAH 0186	SAH 0187	SAH 0188	SAH 0189	SAH 0190	SAH 0191	SAH 0192
							
SAH 0193	SAH 0194	SAH 0195	SAH 0196	SAH 0197	SAH 0198	SAH 0199	SAH 0200
							
SAH 0201	SAH 0202	SAH 0203	SAH 0204	SAH 0205	SAH 0206	SAH 0207	SAH 0208
							
SAH 0209	SAH 0210	SAH 0211	SAH 0212	SAH 0213	SAH 0214	SAH 0215	SAH 0216
							
SAH 0217	SAH 0218	SAH 0219	SAH 0220	SAH 0221	SAH 0222	SAH 0223	SAH 0224
							
SAH 0225	SAH 0226	SAH 0227	SAH 0228	SAH 0229	SAH 0230	SAH 0231	SAH 0232
							
SAH 0233	SAH 0234	SAH 0235	SAH 0236	SAH 0237	SAH 0238	SAH 0239	SAH 0240

Shown colours are for illustrative purposes only and might slightly differ from the actual shades.

							
SAH 0241	SAH 0242	SAH 0243	SAH 0244	SAH 0245	SAH 0246	SAH 0247	SAH 0248
							
SAH 0249	SAH 0250	SAH 0251	SAH 0252	SAH 0253	SAH 0254	SAH 0255	SAH 0256
							
SAH 0257	SAH 0258	SAH 0259	SAH 0260	SAH 0261	SAH 0262	SAH 0263	SAH 0264
							
SAH 0265	SAH 0266	SAH 0267	SAH 0268	SAH 0269	SAH 0270	SAH 0271	SAH 0272
							
SAH 0273	SAH 0274	SAH 0275	SAH 0276	SAH 0277	SAH 0278	SAH 0279	SAH 0280
							
SAH 0281	SAH 0282	SAH 0283	SAH 0284	SAH 0285	SAH 0286	SAH 0287	SAH 0288
							
SAH 0289	SAH 0290	SAH 0291	SAH 0292	SAH 0293	SAH 0294	SAH 0295	SAH 0296
							
SAH 0297	SAH 0298	SAH 0299	SAH 0300	SAH 0301	SAH 0302	SAH 0303	SAH 0304
							
SAH 0305	SAH 0306	SAH 0307	SAH 0308	SAH 0309	SAH 0310	SAH 0311	SAH 0312
							
SAH 0313	SAH 0314	SAH 0315	SAH 0316	SAH 0317	SAH 0318	SAH 0319	SAH 0320

							
SAH 0321	SAH 0322	SAH 0323	SAH 0324	SAH 0325	SAH 0326	SAH 0327	SAH 0328
							
SAH 0329	SAH 0330	SAH 0331	SAH 0332	SAH 0333	SAH 0334	SAH 0335	SAH 0336
							
SAH 0337	SAH 0338	SAH 0339	SAH 0340	SAH 0341	SAH 0342	SAH 0343	SAH 0344
							
SAH 0345	SAH 0346	SAH 0347	SAH 0348	SAH 0349	SAH 0350	SAH 0351	SAH 0352
							
SAH 0353	SAH 0354	SAH 0355	SAH 0356	SAH 0357	SAH 0358	SAH 0359	SAH 0360
							
SAH 0361	SAH 0362	SAH 0363	SAH 0364	SAH 0365	SAH 0366	SAH 0367	SAH 0368
							
SAH 0369	SAH 0370	SAH 0371	SAH 0372	SAH 0373	SAH 0374	SAH 0375	SAH 0376
							
SAH 0377	SAH 0378	SAH 0379	SAH 0380	SAH 0381	SAH 0382	SAH 0383	SAH 0384
							
SAH 0385	SAH 0386	SAH 0387	SAH 0388	SAH 0389	SAH 0390	SAH 0391	SAH 0392
							
SAH 0393	SAH 0394	SAH 0395	SAH 0396	SAH 0397	SAH 0398	SAH 0399	SAH 0400

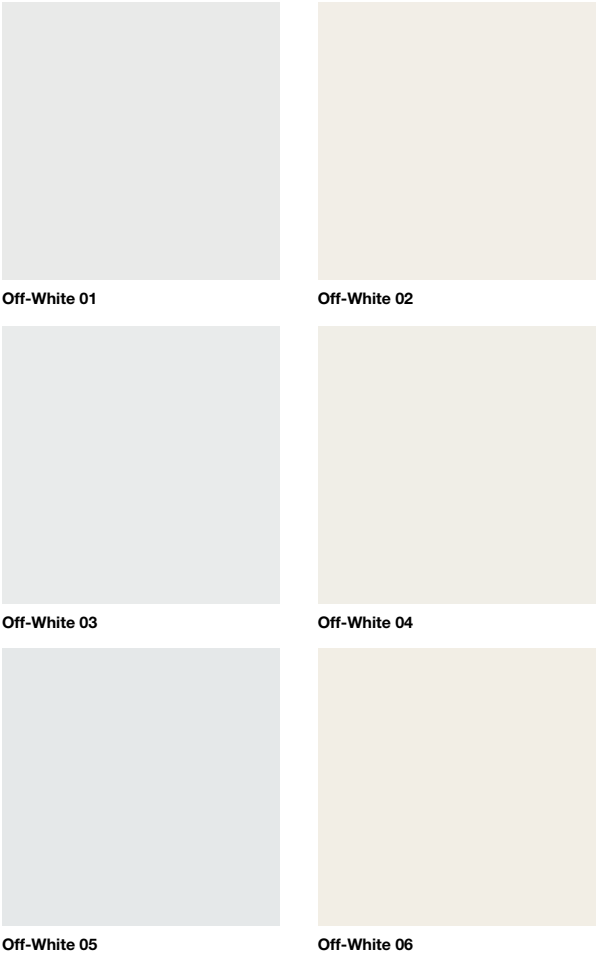
Shown colours are for illustrative purposes only and might slightly differ from the actual shades.

A wooden shelf is mounted on a wall. The wall is divided vertically into two sections: a light grey section on the left and a dark grey section on the right. The shelf is made of light-colored wood and is positioned diagonally across the frame. The text 'additional colour lines' is written in white on the dark grey section of the wall.

**additional
colour lines**

façade renders and paints

ATLAS OFF-WHITE



Shown colours are for illustrative purposes only and might slightly differ from the actual shades.

façade renders and paints

LINE OF INTENSIVE TONES

Line of Intensive Tones is a new range of 80 intensive and extremely durable colours necessary for creation of unique colour compositions.

It allows architects, designers and investors to create any colour compositions, even upon large size façades.

The wider range of colours is available for systems including ATLAS SILICONE RENDER.

Typically, the use of dark colours upon large surfaces exposes them to thermal deformation, which can lead to rapid façade destruction. Appropriately selected products allow for the use of colours of HBW* > 10% and ensure impact resistance up to 140 J.



*HBW – (German Hellbezugswert) light reflection coefficient

façade renders and paints

LINE OF INTENSIVE TONES



Shown colours are for illustrative purposes only and might slightly differ from the actual shades.



Shown colours are for illustrative purposes only and might slightly differ from the actual shades.

mosaic





OUR PROJECT, MOSAIC RENDER ATLAS DEKO M

Mosaic finishes ATLAS DEKO M offer modern thin-coat renders, which can be widely used wherever one wants to combine extraordinary elegance and practicability. They are applied with coats of thickness same as the thickness of the quartz aggregate mixed in the mass – usually from 1 up to 3 mm.

The renders offer:

- strength to mechanical damage, therefore can be used on the most demanding substrates, e.g. plinths, posts, garages and staircases, communication routes, quoins of façades imitating natural stone texture,
- unique recipe and modern technology guaranteeing hydrophobic properties, self-cleaning ability, water vapour permeability, resistance to soiling and negative atmospheric action,
- high elasticity, therefore perfect compensation of stress resulting from thermal expansion of layers beneath the rendering coat, which can occur, for example, in intensive sunlight.

The colour composition and dosed aggregate allow to form durable and outstanding effect.

ATLAS DEKO M renders are available in three options:

ATLAS DEKO M TM0

- grain size 0.6-1.2 mm; 1.0-1.6 mm; 1.4-2.0 mm; as ready-to-use products offered in infinite amount of colour compositions

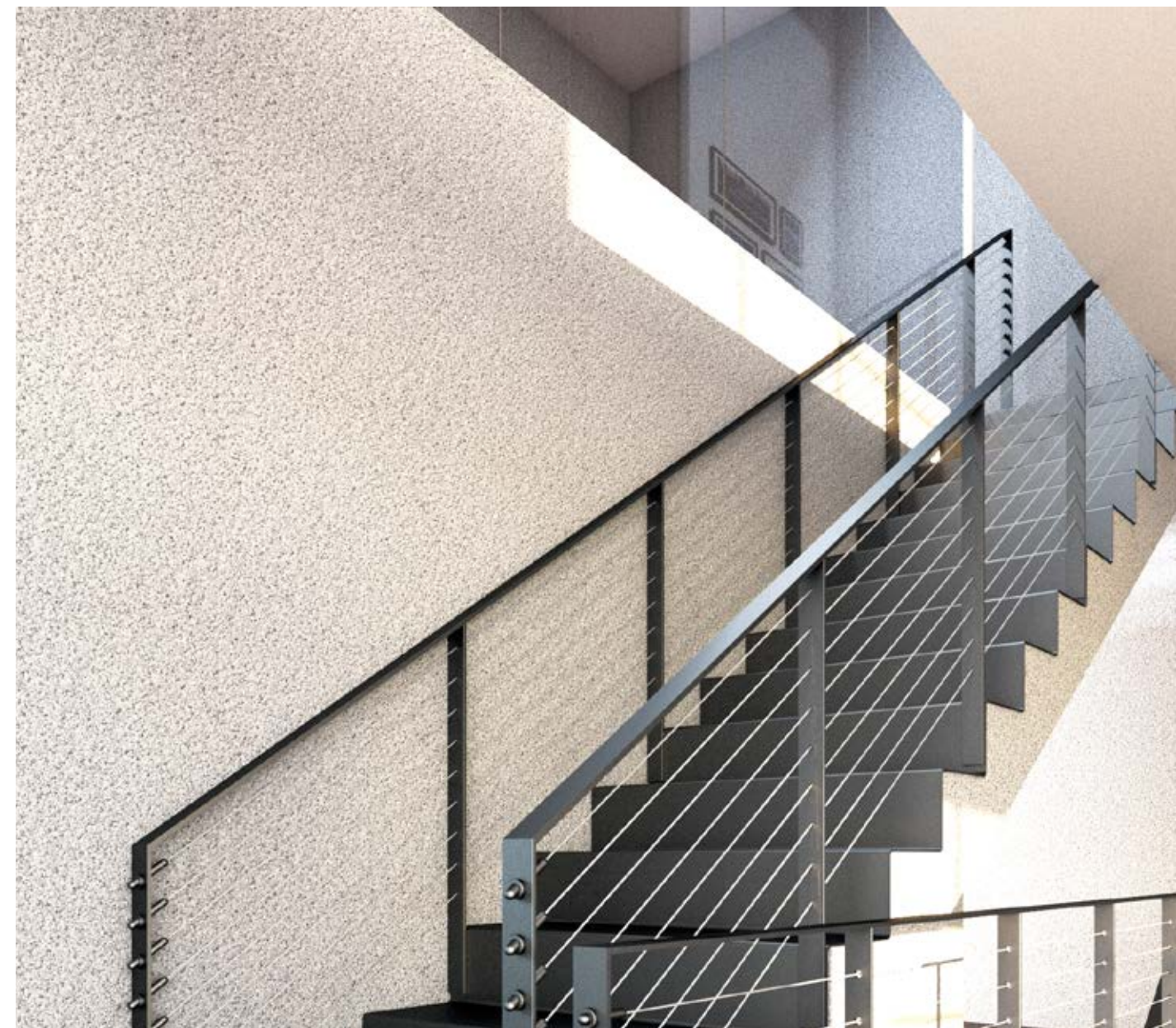
ATLAS DEKO M TM1

- grain size 0.2-0.8 mm; for individual preparation in 120 colour compositions

ATLAS DEKO M TM3

- grain size 0.6-1.2 mm and 1.4-2.0 mm; for individual preparation in 20 colour compositions.





VISUALISATION, MOSAIC RENDER ATLAS DEKO M, COLOUR A6A7A6 + BROCADE, A2A2A2

mosaic
standard mosaic render
ATLAS DEKO M TM0



shown colours are only for illustrative purposes and might slightly differ from the actual shades



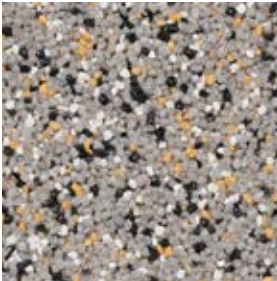
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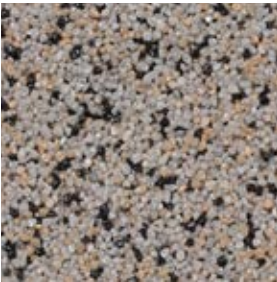
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703



704



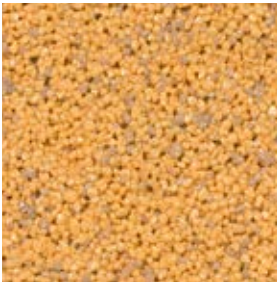
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706



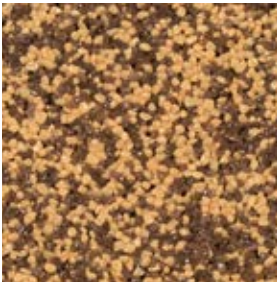
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708



709



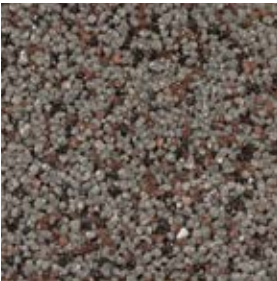
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711



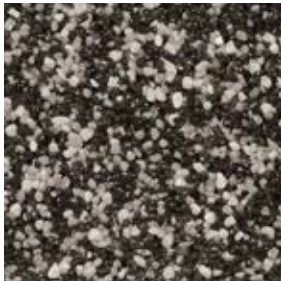
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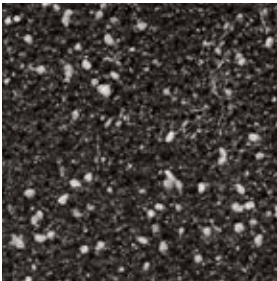
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714



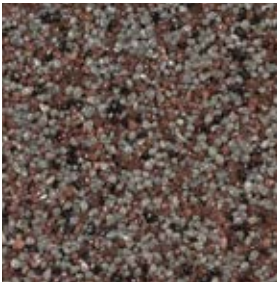
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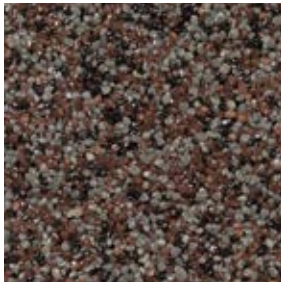
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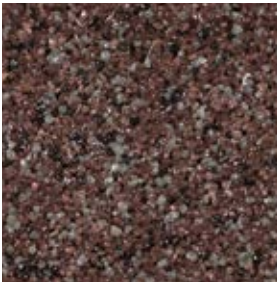
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718



719



720



721



722



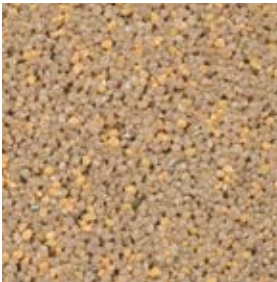
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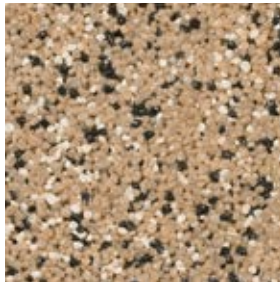
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727



728



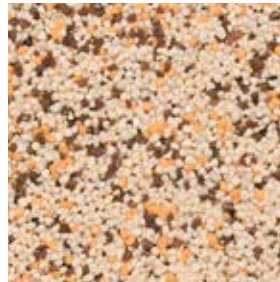
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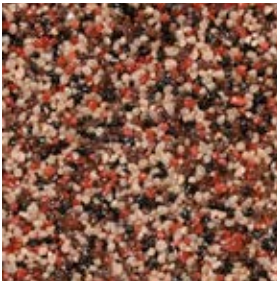
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732



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734



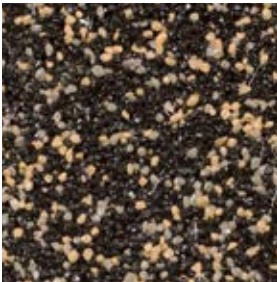
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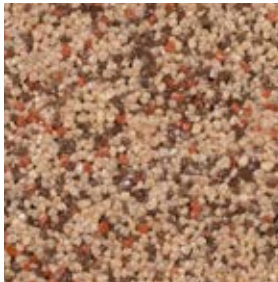
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737



738



739



740

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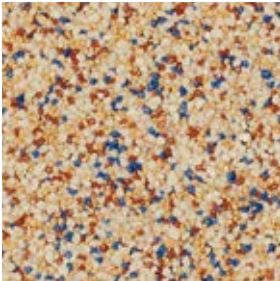
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313



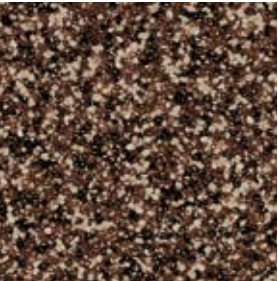
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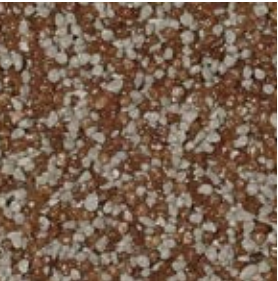
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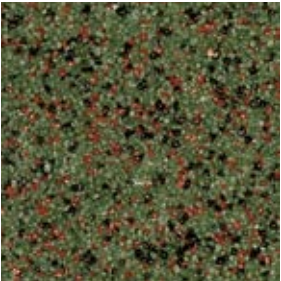
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316



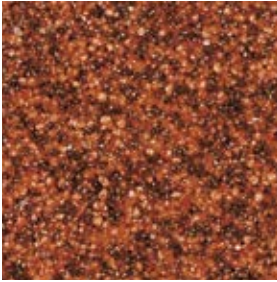
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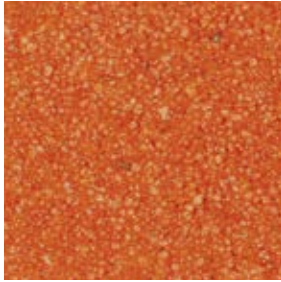
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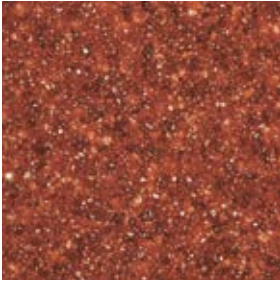
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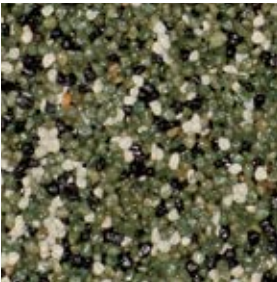
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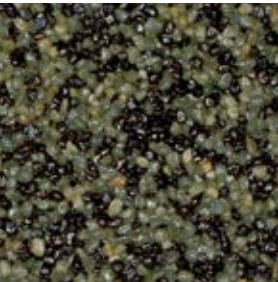
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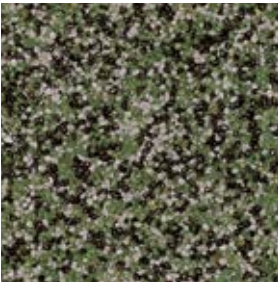
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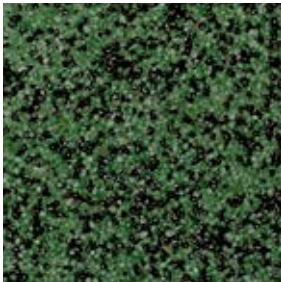
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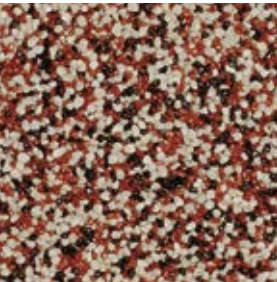
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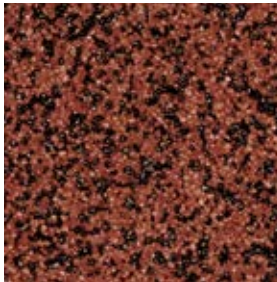
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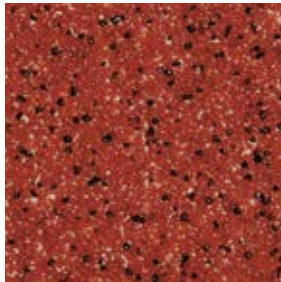
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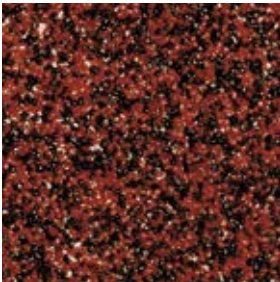
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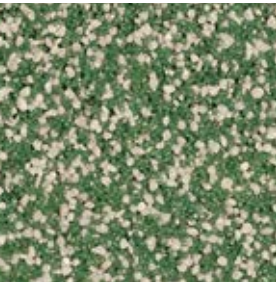
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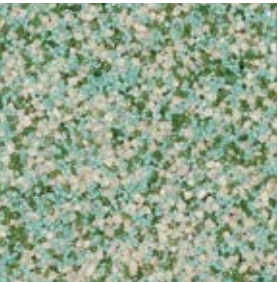
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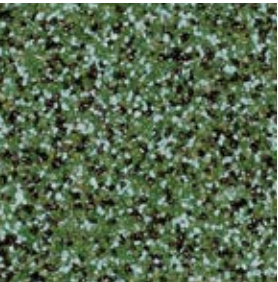
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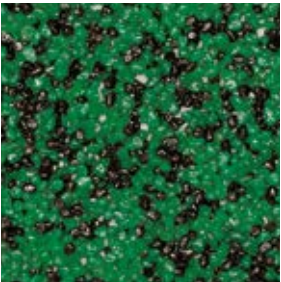
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519



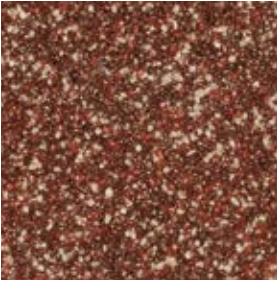
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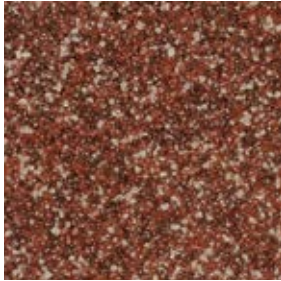
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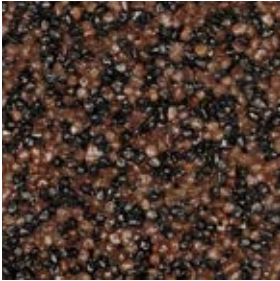
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221



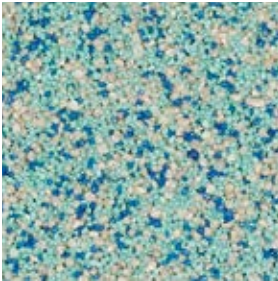
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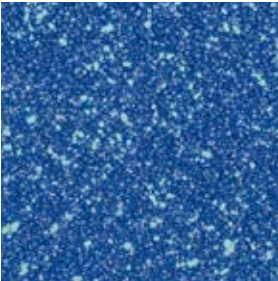
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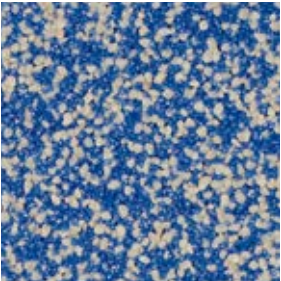
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520



421



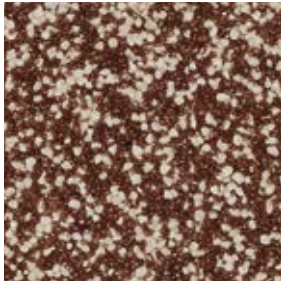
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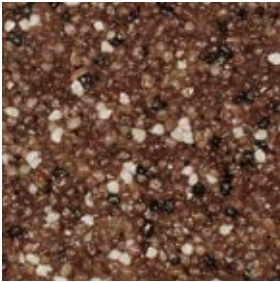
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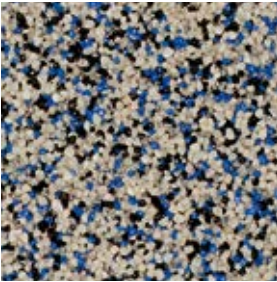
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318



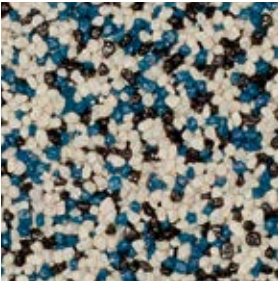
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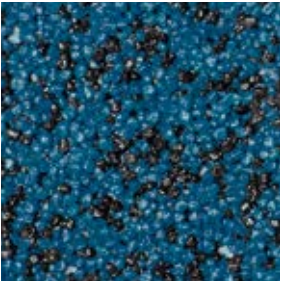
321



522



222



122

shown colours are only for illustrative purposes and might slightly differ from the actual shades

mosaic

fine aggregate mosaic render
ATLAS DEKO M TM1



A2A2A2 + BLACK MICA



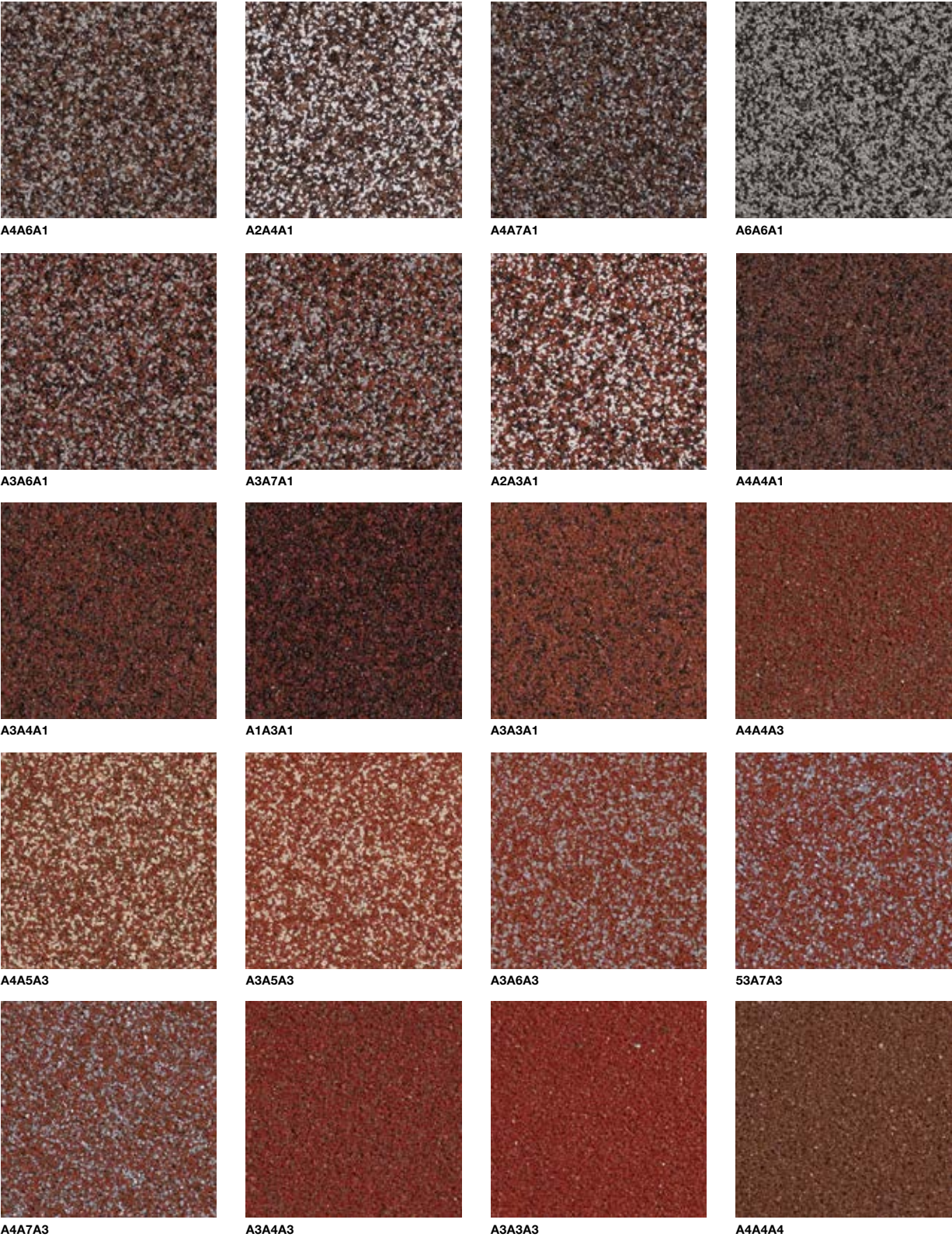
A6A7A6



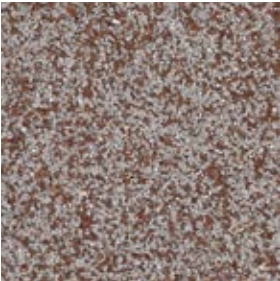
A1A1A1 + SILVER BROCADE

A2A2A2	A2A5A2	A5A5A2	A5A5A5
A5A6A8	A5A8A5	A8A5A8	A8A8A8
A6A6A5A	A5A7A2	A5A7A5	A5A6A5
A2A6A2	A2A7A2	A5A6A2	A6A7A2
A6A6A2	A7A7A2	A7A7A5	A6A7A5

shown colours are only for illustrative purposes and might slightly differ from the actual shades



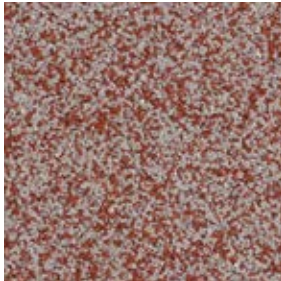
shown colours are only for illustrative purposes and might slightly differ from the actual shades



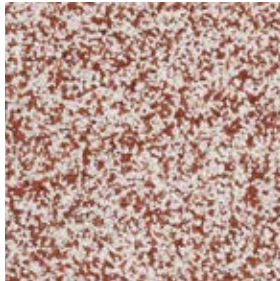
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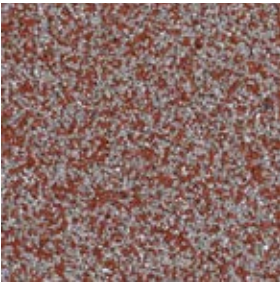
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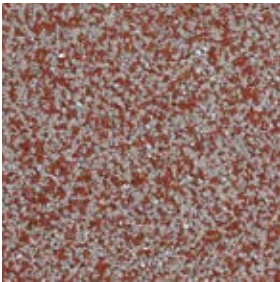
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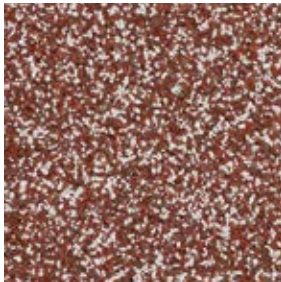
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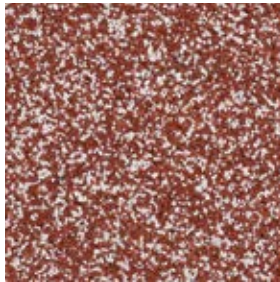
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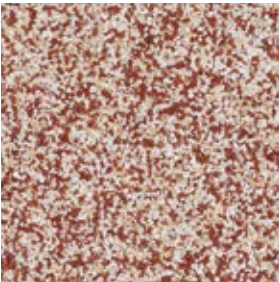
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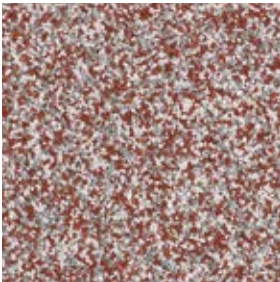
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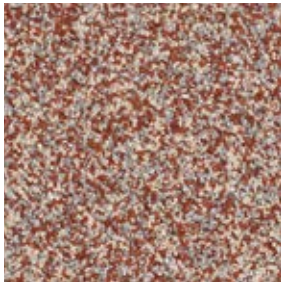
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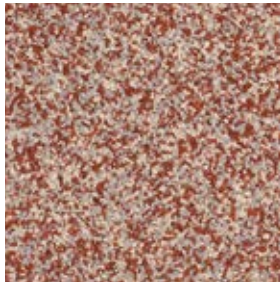
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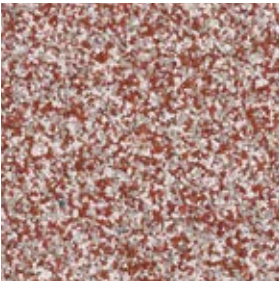
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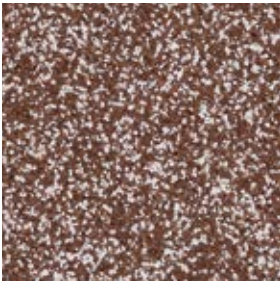
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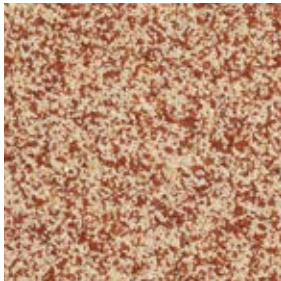
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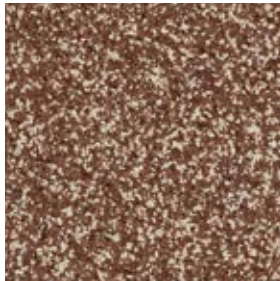
A3A6A2



A4A4A2



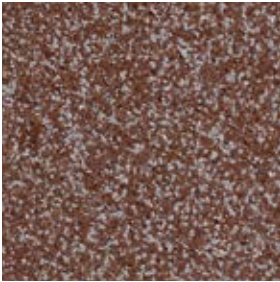
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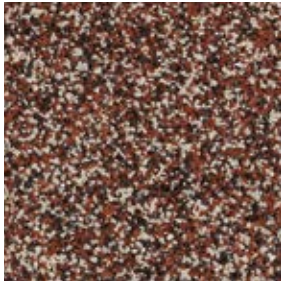
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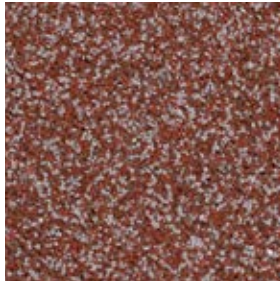
A4A7A4



A4A6A4



A3A5A1



A4A6A3



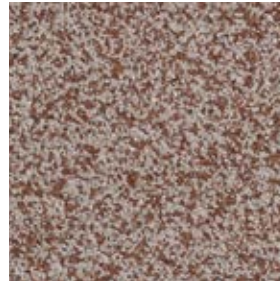
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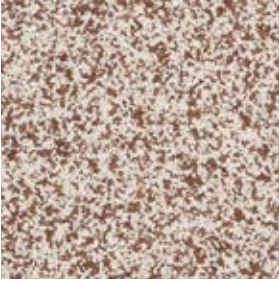
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A5A6A4



A6A6A4



A2A4A2



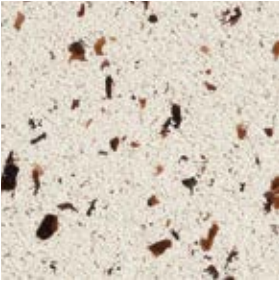
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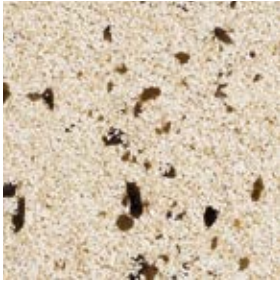
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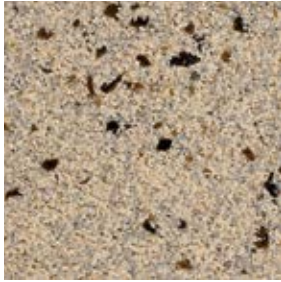
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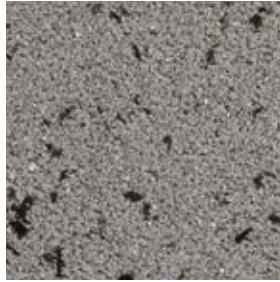
A2A2A2 + MICA



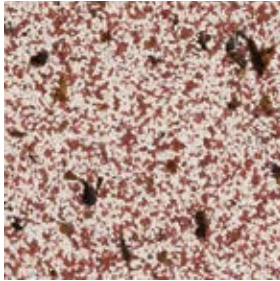
A2A5A2 + MICA



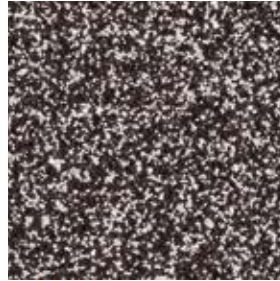
A5A6A5 + MICA



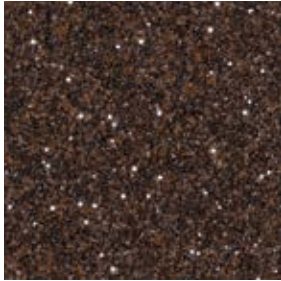
A6A7A6 + MICA



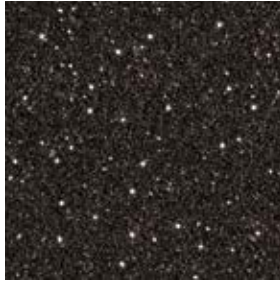
A2A3A2 + MICA



A1A2A1 + GLITTER



A1A4A1 + GLITTER



A1A1A1 + GLITTER

shown colours are only for illustrative purposes and might slightly differ from the actual shades

effect of mosaic

standard mosaic render
ATLAS DEKO M TM3



TM3 – 001



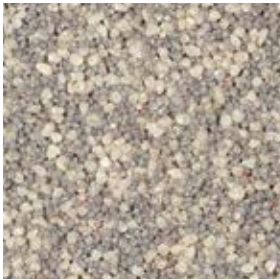
TM3 – 002



TM3 – 003



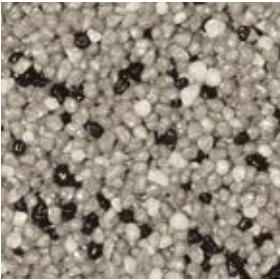
TM3 – 004



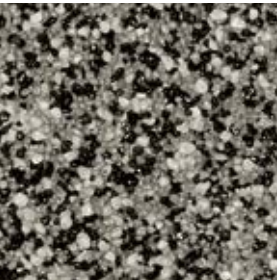
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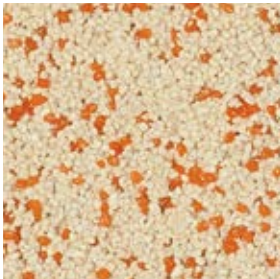
TM3 – 006



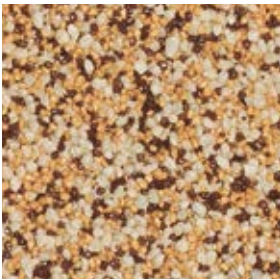
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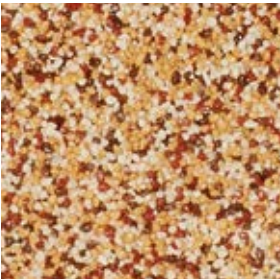
TM3 – 008



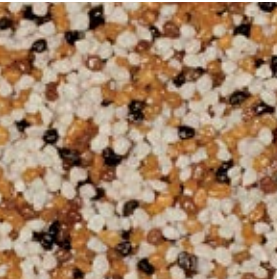
TM3 – 009



TM3 – 010



TM3 – 011



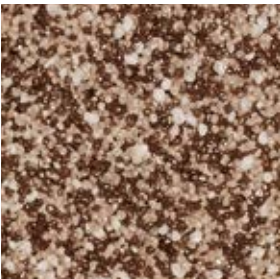
TM3 – 012



TM3 – 013



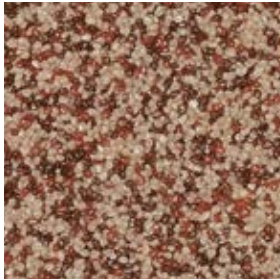
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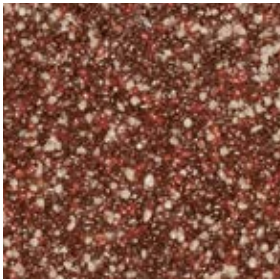
TM3 – 015



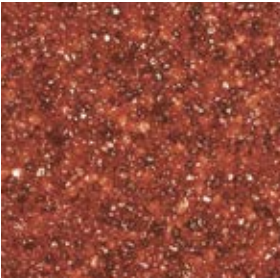
TM3 – 016



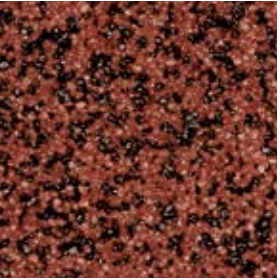
TM3 – 017



TM3 – 018



TM3 – 019



TM3 – 020

shown colours are only for illustrative purposes and might slightly differ from the actual shades



mosaic

ATLAS DEKO M templates

ATLAS DEKO M renders can be applied with the use of templates, e.g. irregular stones or brick-like. They allow to form outstanding and extraordinary coatings imitating façades of Cyclopean masonry walls and similar surfaces made of natural stone. The products enable free selection of the façade and grouting colour.

DEKO M is a perfect solution for decoration of flats, houses and public access rooms.



DEKO M WITH SLATE TEMPLATE

shown colours are only for illustrative purposes and might slightly differ from the actual shades

A close-up photograph of a highly textured, light-colored surface, possibly concrete or stone, with a diagonal shadow cast across it from the top left towards the bottom right.

technical data sheets

Option 1

Traditional rendering system with paint coating, without additional reinforcement

Perfect technological and material solution for traditional, thick-coat façade renders. It is recommended for buildings which have not been previously rendered; for use on sound substrates not vulnerable to deformation or cracking. The system is characterized by high resistance to mechanical damage and acts of vandalism. It performs superbly on buildings located near roads and communication routes. The system provides a smooth and stable substrate to be painted with ATLAS SALTA silicone façade paint. It is possible to form perfectly smooth surface (smooth finish) owing to the use of ATLAS REKORD cement top finish.

MOST IMPORTANT CHARACTERISTICS:

- low price–budget solution,
- high resistance to mechanical impacts and vandalism
- high interlayer bonding provided by two-layer system (cement base coat + main coat)
- elimination of potential substrate unevenness with layer up to 30 mm thick
- self-cleaning characteristic of silicone paint guarantees clean façade for longer; no need for additional maintenance
- silicone paint available in 480 colours, from pastel to more intensive ones

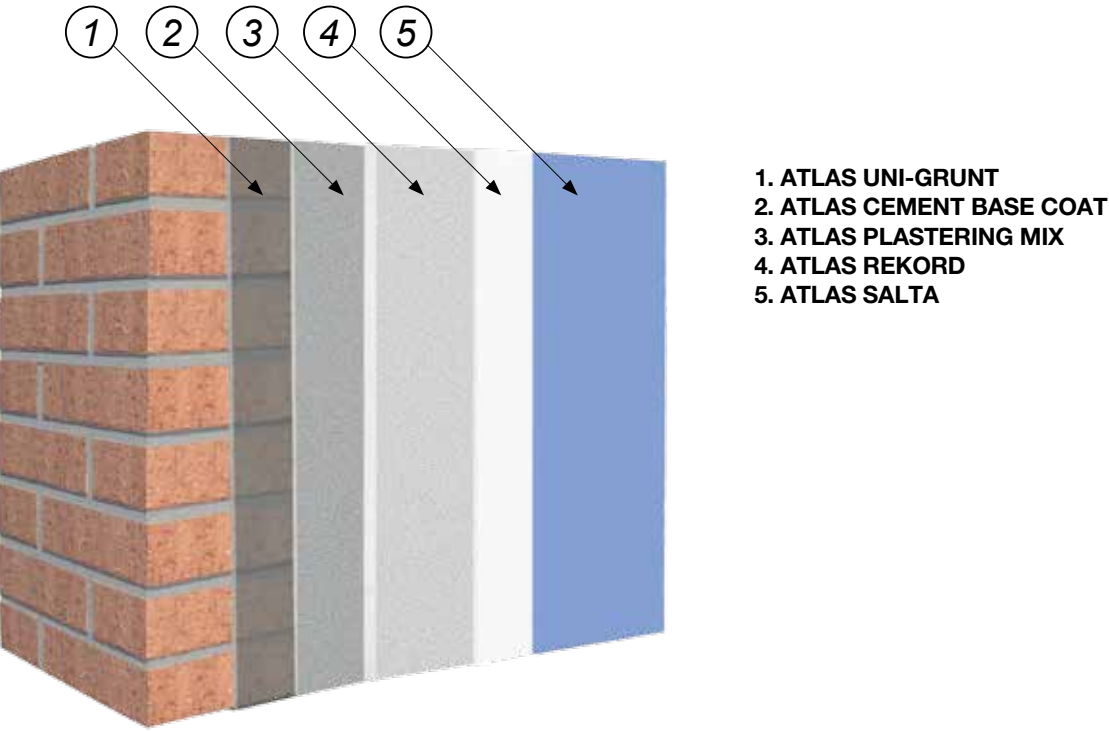
Possible use – types of buildings:

- residential buildings
- industrial buildings
- farm and rural buildings
- commercial, public access and service buildings

Possible use – buildings location:

- urban and urbanised areas
- industrial and investment areas
- farms and rural areas
- wetlands, damp areas, areas in proximity to water reservoirs
- areas in proximity to green zones and forests
- enshadowed areas

SYSTEM ELEMENTS:



Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on acrylic water dispersion
	ATLAS CEMENT BASE COAT	cement mortar highly adhesive to substrate, forms contact layer, manual and machine application possible
Main coat	ATLAS PLASTERING MIX	cement mortar for indoor and outdoor rendering, available in two versions: for manual and machine application
Finish coat	ATLAS REKORD **)	cement top finish for walls and ceilings
	ATLAS SALTA	modern silicone paint

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

**) optionally, if perfectly smooth façade surface must be formed

APPLICATION TECHNOLOGY

Types of substrates:

- rough (not rendered) brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks

Requirements for the substrate:

- dry, stabilized, stable and sound, i.e. properly strong,
- cleaned from residues which may weaken the adhesion, especially from dust, dirt, lime, oils, grease, wax, anti-adhesion agents, paints and poorly bonded coatings
- primed (if there is a need to reduce substrate absorption we recommend using ATLAS UNI-GRUNT emulsion) or moistened with water

Instructions for use:

- detailed information on technology of use of particular products are given in the technical data sheets available on <http://www.atlas.com.pl/en>

USE IN THE WINTERTIME:

ATLAS UNI-GRUNT	do not use in tempratures below +5°C
ATLAS CEMENT BASE COAT	do not use in tempratures below +5°C
ATLAS PLASTERING MIX	do not use in tempratures below +5°C
ATLAS REKORD	do not use in tempratures below +5°C
ATLAS SALTA	with ATLAS ESKIMO agent added, it is possible to use the paint in low temperature (not lower than 0°C) and high humidity (above 80%).

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.

Date of update: 07.2023

Option 2

Traditional rendering system with acrylic render, without additional reinforcement

This technological and material solution was designed to form attractive and modern render coatings. It is recommended for buildings which have not been previously rendered; for use on sound substrates not vulnerable to deformation or cracking. **Option II is the ideal solution if one aims to form thin-coat render finish without the additional layers reinforced with mesh.** It is not only a budget solution in regard to materials prices, but it is also very visually attractive, as the top finish is represented by colourful thin-coat renders. Depending on one's needs and expectations one may use any of the state-of-the-art spotted texture façade renders: ATLAS ACRYLIC or ATLAS DEKO M colourful mosaic render.

MOST IMPORTANT CHARACTERISTICS:

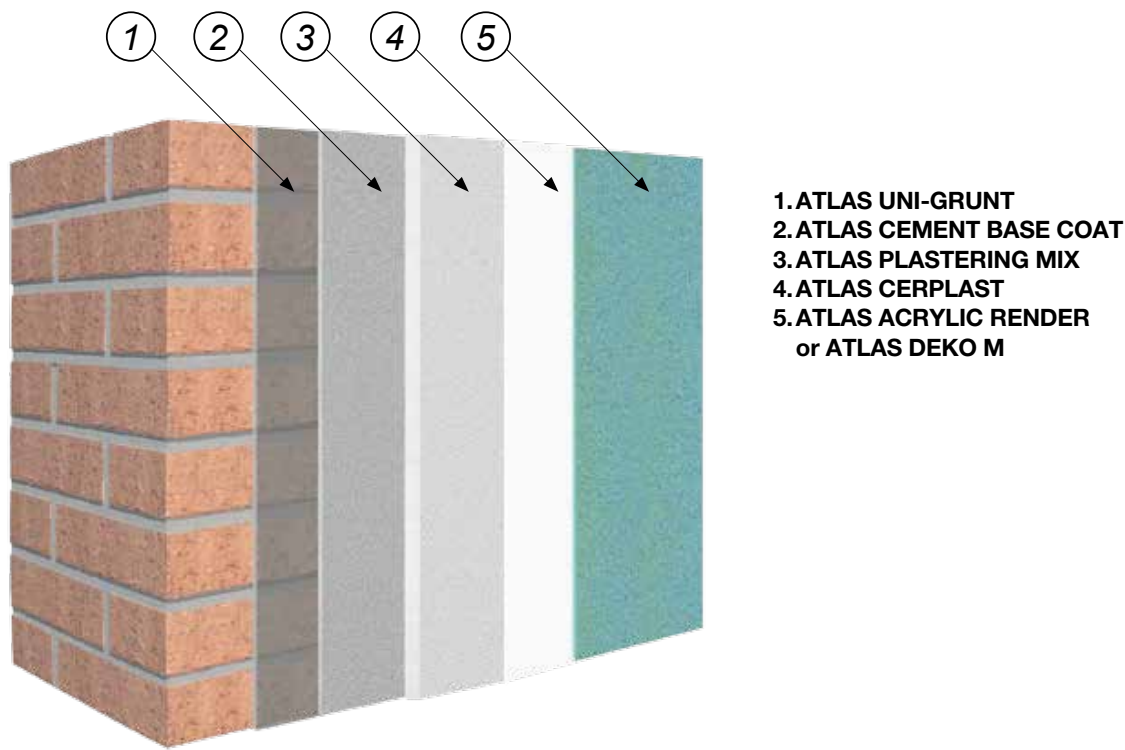
- very competitive price – stylish wall top finish formed with the use of low cost material
 - very low water absorption of the finishing coat makes the system extremely durable
 - high resistance and flexibility of the finishing coat
 - wide selection of colourful renders, various possibilities of the building final appearance
 - mosaic render can be used on plinths and at areas near to the entrance
- Possible use – types of buildings:**

 - residential buildings
 - farm and rural buildings
 - commercial, public access and service buildings

Possible use – buildings location:

 - urban and urbanised areas
 - farms and rural areas
 - enshadowed areas

SYSTEM ELEMENTS:



Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS CEMENT BASE COAT	cement mortar characterised by strong bonding to the substrate, forms contact layer
Main coat	ATLAS PLASTERING MIX	cement mortar for indoor and outdoor rendering
Top coat	ATLAS CERPLAST	priming mass for render, improves the adhesion of thin-coat render to the substrate
	ATLAS ACRYLIC RENDER or ATLAS DEKO M	thin-coat acrylic or mosaic render

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

APPLICATION TECHNOLOGY

- Types of substrates:**
- rough (not rendered) brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks
- Requirements for the substrate:**
- dry, stabilized, stable and sound, i.e. properly strong,
 - cleaned from residues which may weaken the adhesion, especially from dust, dirt, lime, oils, grease, wax, anti-adhesion agents, paints and poorly bonded coatings
 - primed (if there is a need to reduce substrate absorption we recommend using ATLAS UNI-GRUNT emulsion) or moistened with water
- Instructions for use:**
- detailed information on technology of use of particular products are given in the technical data sheets available on <http://www.atlas.com.pl/en>

USE IN THE WINTERTIME:

ATLAS UNI-GRUNT	do not use in tempratures below +5°C
ATLAS CEMENT BASE COAT	do not use in tempratures below +5°C
ATLAS PLASTERING MIX	do not use in tempratures below +5°C
ATLAS CERPLAST	do not use in tempratures below +5°C
ATLAS ACRYLIC RENDER or ATLAS DEKO M	with ATLAS ESKIMO agent added, it is possible to use renders in low temperature (not lower than 0°C) and high humidity (above 80%).

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.
Date of update: 07.2023

Option 3

Modern rendering system with silicone render, without additional reinforcement

Option III is a state-of-the-art technological and material solution which consists of the most modern renders on the market: silicone and silicone-silicate. The main coat is represented by thick-coat cement render which provides a very stable substrate for the thin-coat render – there is no need for an additional layer reinforced with mesh. Option III is recommended for buildings which have not been previously render; for use on sound substrates not vulnerable to deformation or cracking. Properties of silicone and silicone-silicate renders makes it a perfect solution for buildings located in industrial, rural and covered with forest zones – generally in all areas where the façade is vulnerable to significant biological contamination.

MOST IMPORTANT CHARACTERISTICS:

- very competitive price – stylish wall top finish formed with the use of low cost material
- very high resistance to dirt – silicone renders form surface of tight and not absorptive structure which repel contamination (dust, fumes, organic dirt)
- render ability for surface self-cleaning during precipitation
- very high flexibility and resistance of the finishing coat
- wide selection of colourful renders, various possibilities of the building final appearance

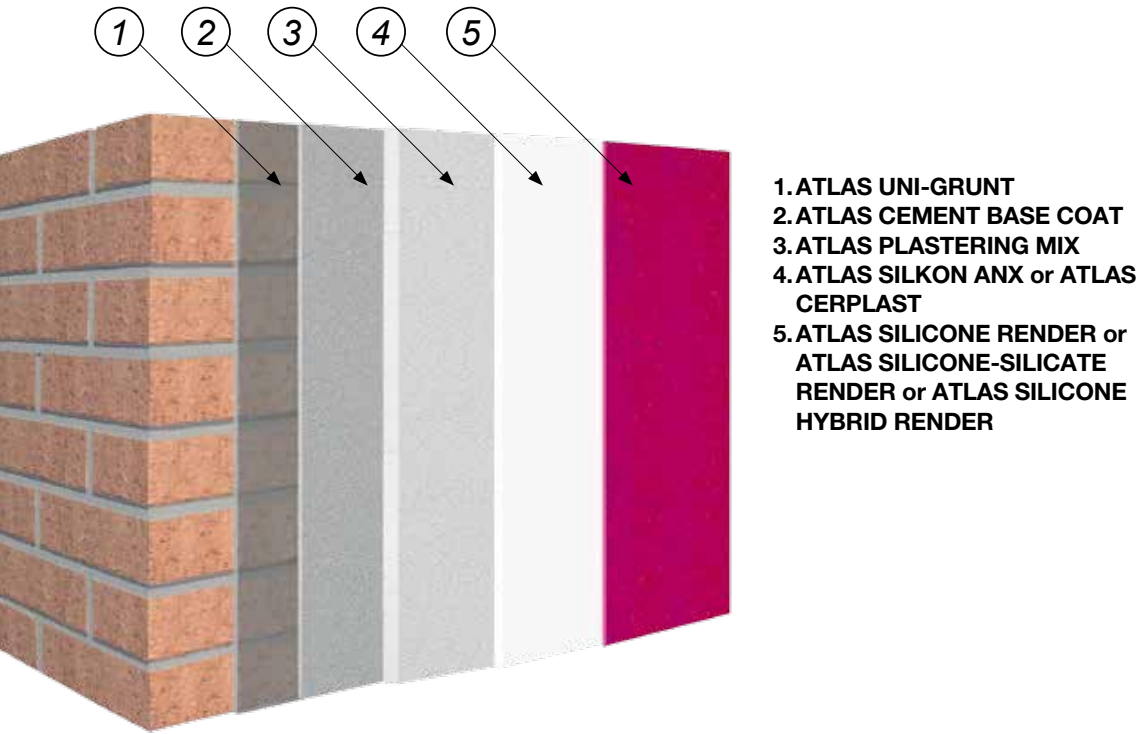
Possible use – types of buildings:

- residential buildings
- farm and rural buildings
- commercial, public access and service buildings

Possible use – buildings location:

- urban and urbanised areas
- farms and rural areas
- wetlands, damp areas, areas in proximity to water reservoirs
- areas in proximity to green zones and forests
- enshadowed areas

SYSTEM ELEMENTS:



Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
	ATLAS CEMENT BASE COAT	cement mortar characterised by strong bonding to the substrate, forms contact layer
Main coat	ATLAS PLASTERING MIX	cement mortar for indoor and outdoor rendering
Top coat	ATLAS SILKON ANX or ATLAS CERPLAST	priming mass for render, improves the adhesion of thin-coat render to the substrate
	ATLAS SILICONE RENDER or ATLAS SILICONE-SILICATE RENDER or ATLAS SILICONE HYBRID RENDER	thin-coat silicone, silicone-silicate render or acrylic-silicone render

*) emulsion required in case of walls made of cellular concrete or highly porous substrates
**) use ATLAS CERPLAST only together with ATLAS SILICONE HYBRID RENDER

APPLICATION TECHNOLOGY

Types of substrates:

- rough (not rendered) brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks

Requirements for the substrate:

- dry, stabilized, stable and sound, i.e. properly strong,
- cleaned from residues which may weaken the adhesion, especially from dust, dirt, lime, oils, grease, wax, anti-adhesion agents, paints and poorly bonded coatings
- primed (if there is a need to reduce substrate absorption we recommend using ATLAS UNI-GRUNT emulsion) or moistened with water

Instructions for use:

- detailed information on technology of use of particular products are given in the technical data sheets available on <http://www.atlas.com.pl/en>

USE IN THE WINTERTIME:

ATLAS UNI-GRUNT	do not use in tempratures below +5°C
ATLAS CEMENT BASE COAT	do not use in tempratures below +5°C
ATLAS PLASTERING MIX	do not use in tempratures below +5°C
ATLAS SILKON ANX or ATLAS CERPLAST	do not use in tempratures below +5°C
ATLAS SILICONE RENDER or ATLAS SILICONE-SILICATE RENDER or ATLAS SILICONE HYBRID RENDER	with ATLAS ESKIMO agent added, it is possible to use renders in low temperature (not lower than 0°C) and high humidity (above 80%).

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.

Date of update: 07.2023

Option 4

Modern rendering system with acrylic render, with additional reinforcement

This technological and material solution was designed to form attractive and modern render coatings. It is recommended for buildings which have been already rendered, but need to be renovated and equipped with an attractive finish or enhanced in terms of façade appearance. Option IV may be used also when rendering the old, weakened cracked or potentially vulnerable to cracking substrates. Application of the mesh reinforced layer provides an even and stable substrate required beneath the thin-coat render. It is an economical solution in view of material prices. In addition, it is also very visually attractive system, as the top finish is represented by colourful thin-coat renders. Depending on needs and expectations one may use one of the state-of-the-art spotted texture façade renders: ATLAS ACRYLIC RENDER or ATLAS DEKO M colourful mosaic render.

MOST IMPORTANT CHARACTERISTICS:

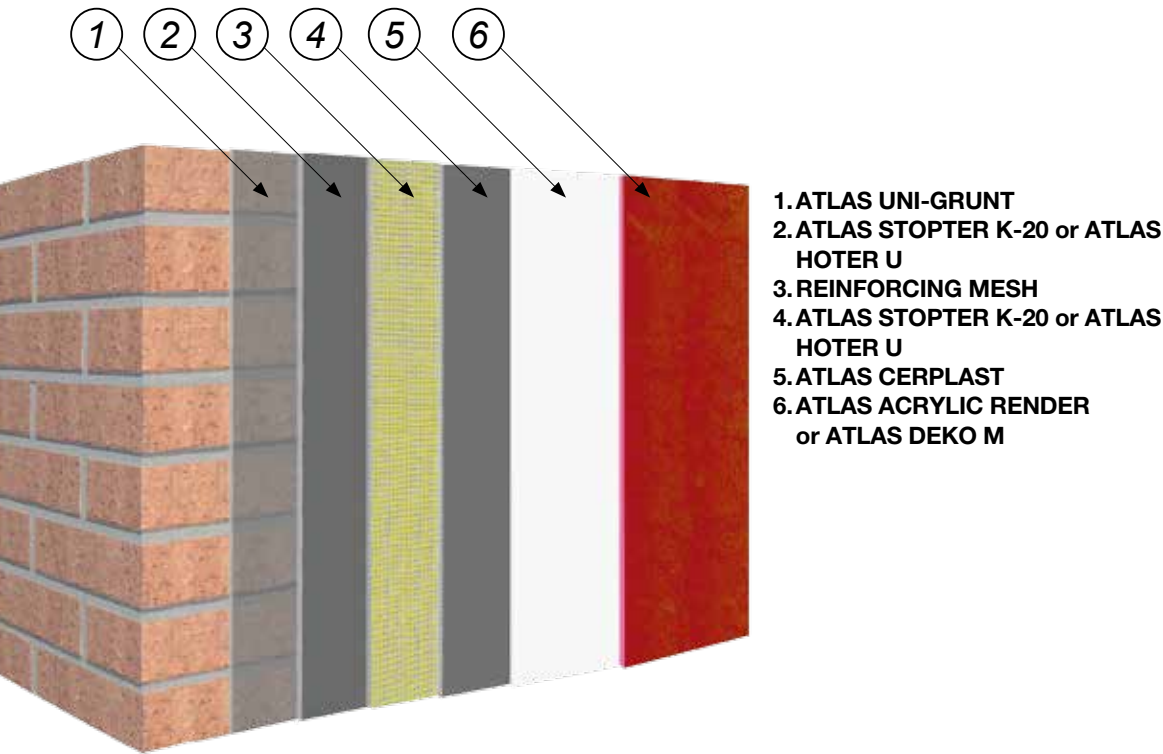
- stylish wall finish achieved with low cost materials
 - very good system durability – owing to the main coat made of adhesive with reinforcing mesh embedded and very low absorption of the finishing coat
 - high flexibility and resistance of the finishing coat
 - wide selection of colourful renders, various possibilities of the building final appearance
 - mosaic render can be used on plinths and at areas near to the entrance
- Possible use – types of buildings:**

 - residential buildings
 - farm and rural buildings
 - commercial, public access and service buildings

Possible use – buildings location:

 - urban and urbanised areas
 - farms and rural areas
 - enshadowed areas

SYSTEM ELEMENTS:



Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
Main coat	ATLAS STOPTER K-20 or ATLAS HOTER U	cement adhesive mortars containing reinforcing fibres
	REINFORCING MESH	glass fibre mesh, protected against alkali, minimum surface mass 150 g/m²
Top coat	ATLAS CERPLAST	priming mass for render, improves the adhesion of thin-coat render to the substrate
	ATLAS ACRYLIC RENDER or ATLAS DEKO M	thin-coat acrylic, or mosaic render

*) emulsion required in case of walls made of cellular concrete or highly porous substrates

APPLICATION TECHNOLOGY

- Types of substrates:**
- rendered brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks which require renovation; may be used on old, weakened cracked (not-structurally) or potentially vulnerable to cracking substrates.
- Requirements for the substrate:**
- dry, stabilized, stable and sound, i.e. properly strong,
 - rendered surface must be tapped with hammer to check whether the render has loosened from the structural part of the wall – a hollow sound during tapping indicates that the given parts of render is loose and must be removed and filled with a repair coat made of cement leveling mortars
 - cleaned from residues which may weaken the adhesion, especially from dust, dirt, lime, oils, grease, wax, anti-adhesion agents, paints and poorly bonded coatings
 - primed (if there is a need to reduce substrate absorption we recommend using ATLAS UNI-GRUNT emulsion) or moistened with water
- Attention!** In case of cracked surfaces an initial diagnosis is needed. It is with the aim to verify the cause of the cracking and to determine whether the façade works can be carried out on the given building. The appearance of the structural cracking resulting from scratches on the structural building elements, uneven settlement, deformation due to the change of operation purpose, etc. requires an individual design and professional and comprehensive repair. Option IV can be used in case of thin, hair-like scratches and superficial cracking resulting from render wear or contraction.
- Instructions for use:**
- detailed information on technology of use of particular products are given in the technical data sheets available on <http://www.atlas.com.pl/en>

USE IN THE WINTERTIME:

ATLAS UNI-GRUNT	do not use in tempratures below +5°C
ATLAS HOTER U	do not use in tempratures below +5°C
ATLAS STOPTER K-20	can be used in winter conditions provided that the outdoor temperature during works is not lower than 0 °C and not lower than -5 °C within 8 hours since application
REINFORCING MESH	use only in combination with ATLAS STOPTER K-20
ATLAS CERPLAST	do not use in tempratures below +5°C
ATLAS ACRYLIC RENDER or ATLAS DEKO M	with ATLAS ESKIMO agent added, it is possible to use renders in low temperature (not lower than 0°C) and high humidity (above 80%).

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.

Date of update: 07.2023

Option 5

Modern rendering system with silicone render, with additional reinforcement

Option V is a state-of-the-art technological and material solution, which consists of the most modern renders on the market: silicone and silicone-silicate. It is recommended for buildings which have been already rendered, but need to be renovated and equipped with an attractive finish or enhanced in terms of façade appearance. Option V may be used also when rendering the old, weakened cracked or potentially vulnerable to cracking substrates. Application of the mesh reinforced layer provides an even and stable substrate required beneath the thin-coat render. Properties of silicone and silicone-silicate renders makes it a perfect solution for buildings located in industrial, rural and covered with forest zones – generally in all areas where the façade is vulnerable to significant biological contamination.

MOST IMPORTANT CHARACTERISTICS:

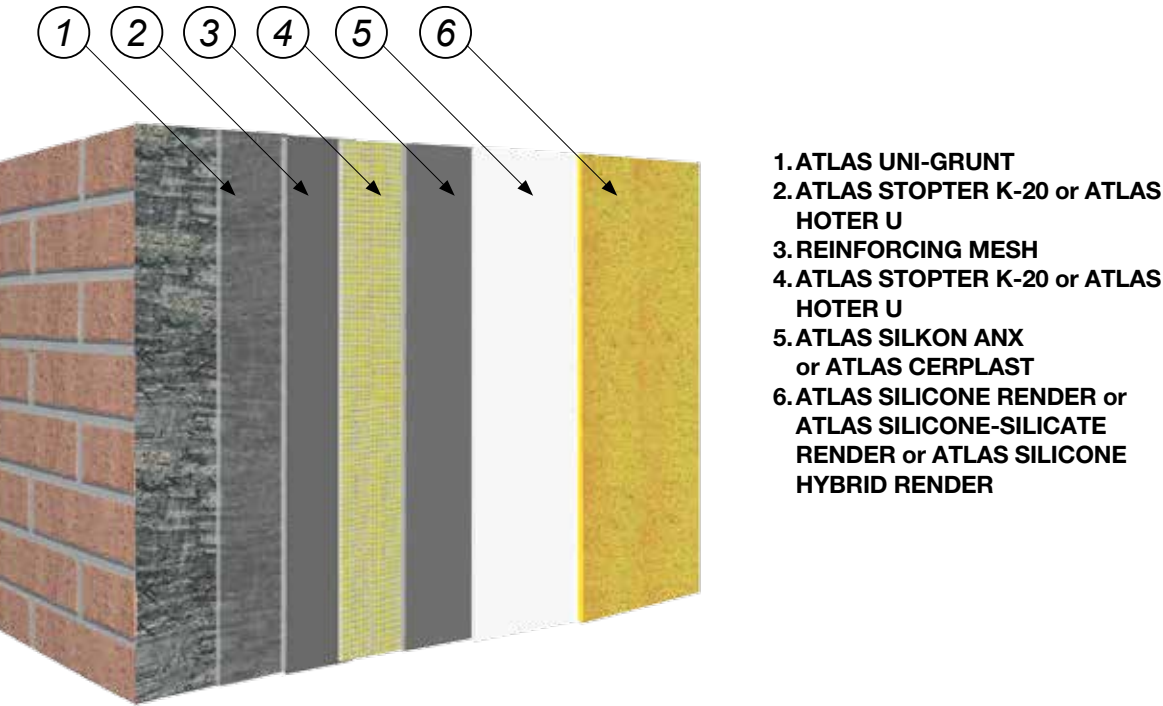
- excellent system durability – owing to the main coat of adhesive with reinforcing mesh embedded and very low absorption of the finishing coat
 - very high resistance to dirt – silicone renders included in this system form a surface of tight and not absorptive structure which repel contamination (dust, fumes, organic dirt)
 - high resistance against biological contamination
 - render ability for surface self-cleaning during rain
 - wide selection of renders coloured in the mass, various possibilities for the building final appearance
- Possible use – types of buildings:**

 - residential buildings
 - industrial buildings
 - farm and rural buildings
 - commercial, public access and service buildings

Possible use – buildings location:

 - urban and urbanised areas
 - farms and rural areas
 - wetlands, damp areas, areas in proximity to water reservoirs
 - areas in proximity to green zones and forests
 - enshadowed areas

SYSTEM ELEMENTS:



Substrate preparation	ATLAS UNI-GRUNT *)	fast-drying priming emulsion based on water dispersion of acrylics
Main coat	ATLAS STOPTER K-20 or ATLAS HOTER U	cement adhesive mortars containing reinforcing fibres
	REINFORCING MESH	glass fibre mesh, protected against alkali, minimum surface mass 150 g/m²
Top coat	ATLAS SILKON ANX or ATLAS CERPLAST	priming mass for renders, improves the thin-coat render bonding to the substrate
	ATLAS SILICONE RENDER or ATLAS SILICONE-SILICATE RENDER or ATLAS SILICONE HYBRID RENDER	thin-coat silicone, silicone-silicate render or acrylic-silicone render

*) emulsion required in case of walls made of cellular concrete or highly porous substrates
**) use ATLAS CERPLAST only together with ATLAS SILICONE HYBRID RENDER

APPLICATION TECHNOLOGY

- Types of substrates:**
- rendered brick wall or wall made of small size bricks, ceramic or sand-lime hollow blocks, cellular concrete or concrete blocks which require renovation; may be used on old, weakened cracked (not-structurally) or potentially vulnerable to cracking substrates.
- Requirements for the substrate:**
- dry, stabilized, stable and sound, i.e. properly strong,
 - rendered surface must be tapped with hammer to check whether the render has loosened from the structural part of the wall – a hollow sound during tapping indicates that the given parts of render is loose and must be removed and filled with a repair coat made of cement leveling mortars
 - cleaned from residues which may weaken the adhesion, especially from dust, dirt, lime, oils, grease, wax, anti-adhesion agents, paints and poorly bonded coatings
 - primed (if there is a need to reduce substrate absorption we recommend using ATLAS UNI-GRUNT emulsion) or moistened with water
- Attention!** In case of cracked surfaces an initial diagnosis is needed. It is with the aim to verify the cause of the cracking and to determine whether the façade works can be carried out on the given building. The appearance of the structural cracking resulting from scratches on the structural building elements, uneven settlement, deformation due to the change of operation purpose, etc. requires an individual design and professional and comprehensive repair. Option IV can be used in case of thin, hair-like scratches and superficial cracking resulting from render wear or contraction.
- Instructions for use:**
- detailed information on technology of use of particular products are given in the technical data sheets available on <http://www.atlas.com.pl/en>

USE IN THE WINTERTIME:

ATLAS UNI-GRUNT	do not use in tempratures below +5°C
ATLAS HOTER U	do not use in tempratures below +5°C
ATLAS STOPTER K-20	can be used in winter conditions provided that the outdoor temperature during works is not lower than 0 °C and not lower than -5 °C within 8 hours since application
REINFORCING MESH	use only in combination with ATLAS STOPTER K-20
ATLAS SILKON ANX	do not use in tempratures below +5°C
ATLAS CERPLAST	do not use in tempratures below +5°C
ATLAS SILICONE RENDER or ATLAS SILICONE-SILICATE RENDER or ATLAS SILICONE HYBRID RENDER	with ATLAS ESKIMO agent added, it is possible to use renders in low temperature (not lower than 0°C) and high humidity (above 80%).

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.
Date of update: 07.2023

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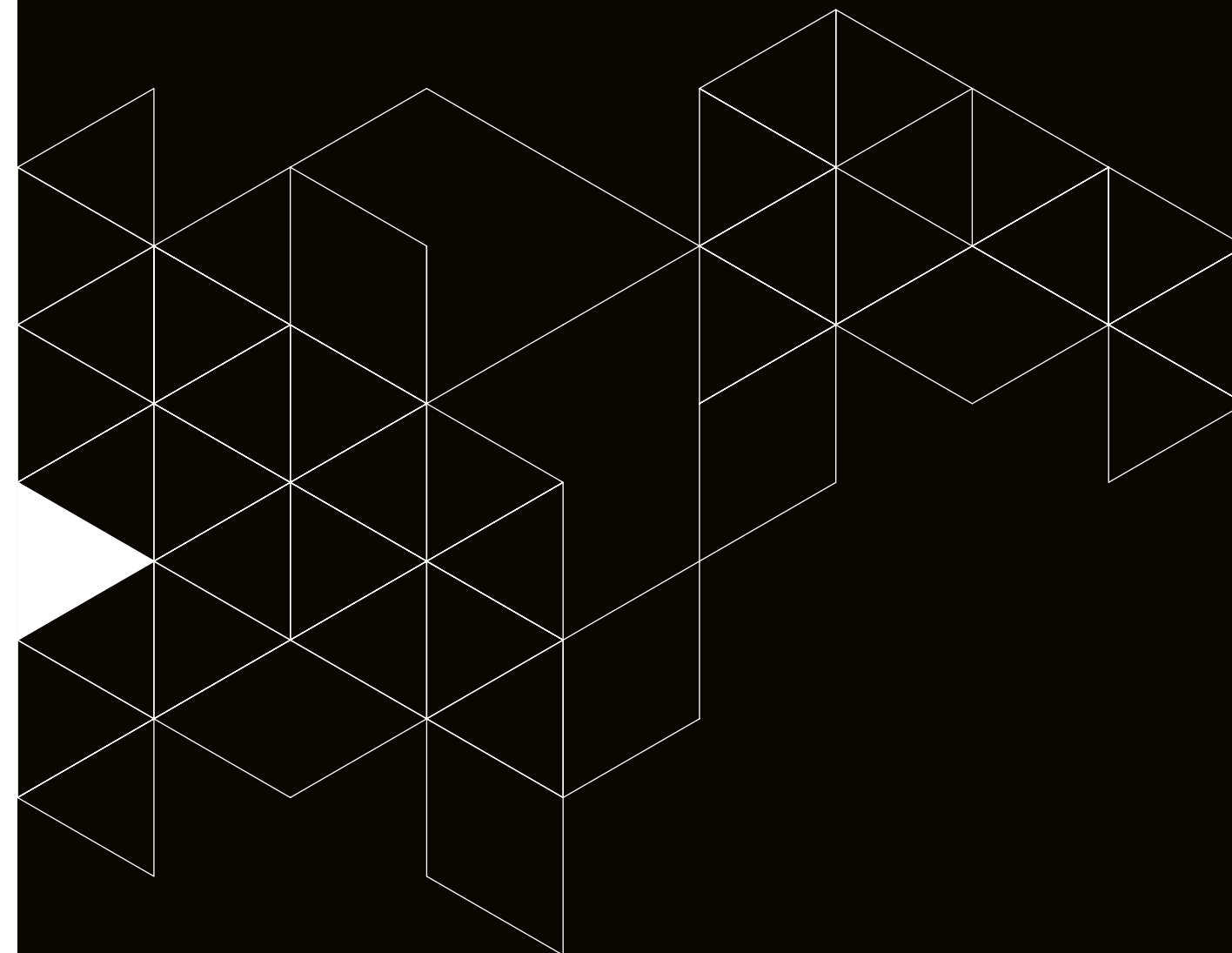
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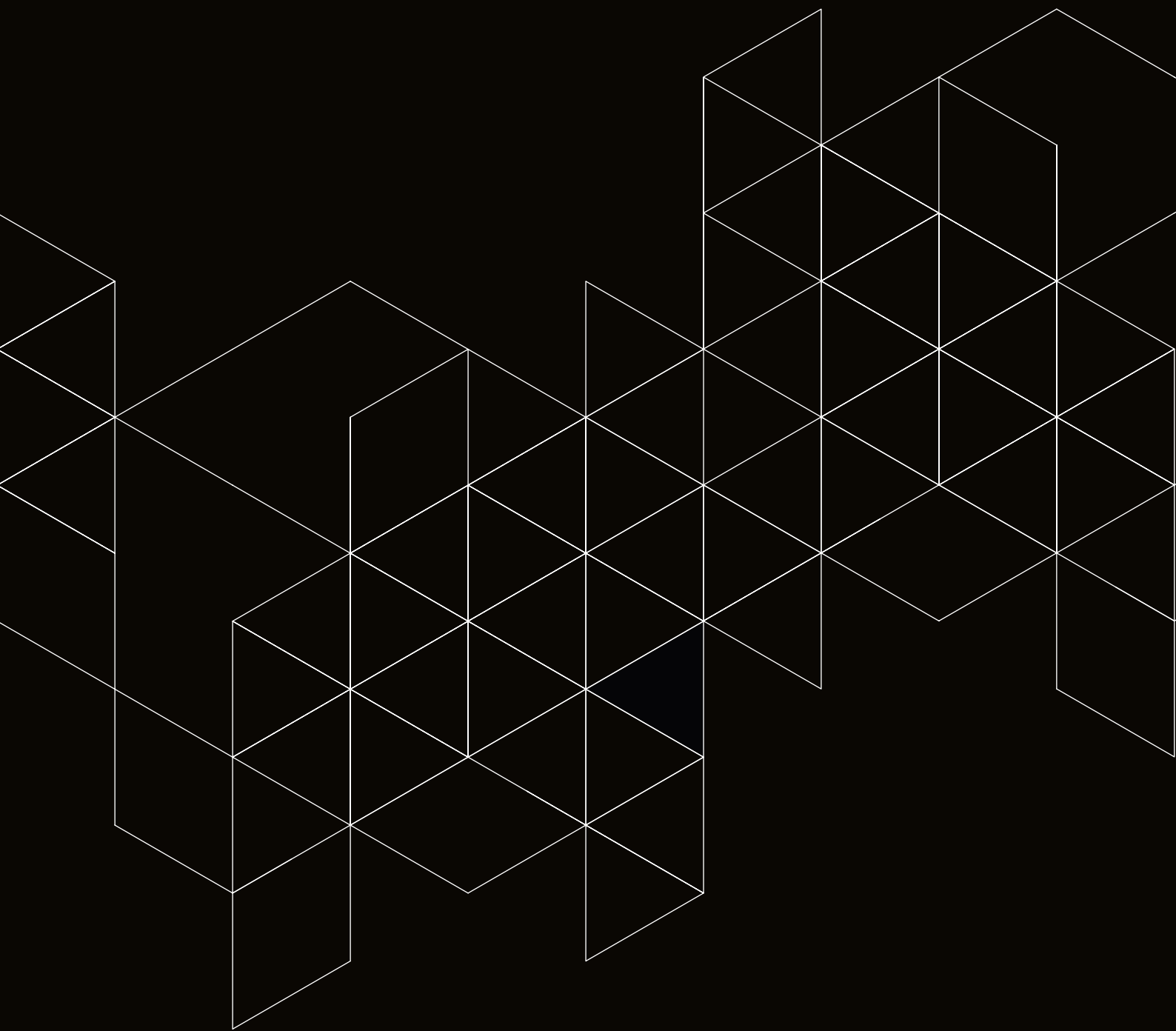
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