



HYDROPHOBIC VARNISH

impregnating sealer

- protects surfaces of walls and ceilings against humidity
- resistant to washing
- easy to use
- for protective and decorative purposes



NATURAL
PRODUCT



FOR INDOOR
USE



APPLY WITH
BRUSH

PROPERTIES

HYDROPHOBIC VARNISH is based on a technology of acrylic and polysiloxane/silane resins.

Ready to use – does not require additional preparation.

Easy to apply.

Odourless.

Resistant to washing.

Protective function:

- forms hydrophobic coat
- protects against water, efflorescence,
- protects against dirt and facilitates keeping cleanliness,
- brings long term pearl effect on surface,
- deeply penetrates into the substrate.

Decorative function:

- satin, colourless effect,
- brings out depth of the colour,
- possible addition of decorative products e.g. glitter, mica.

USE

HYDROPHOBIC VARNISH is designed for protective painting of renders and paints with possible satin finishing.

Place of use – interior walls and ceilings.

Recommended for surfaces with increased humidity:

- in residential housing (e.g. bathroom, kitchen),
- in SPA zones and hotel swimming pools,
- in areas which require protection against humidity.

TYPE OF OBJECT	POSSIBILITY OF USE
residential housing	+
public service, educational facilities	+
commercial and service objects	+
industrial buildings	+
outbuildings	+

TYPE OF SUBSTRATE	POSSIBILITY OF USE
cement -lime, cement plasters	+
concrete substrates (monolithic and prefabricated)	+
rough walls made of ceramic, silicate hollow blocks, brick, cellular concrete	+
gypsum plasters, top finishes, fillers	+
polymer finishing coat, fillers	+
plasterboards, OSB	+
paper, vinyl, glass fibre wallpapers	+
silicate painting coats	+
silicone painting coats	+
acrylic painting coats	+

TECHNICAL DATA

Density	approx. 1.1 kg/dm ³
Viscosity	5/20 10000 cP
pH	7.0-8.0
Resistance to abrasion class	1
Absorptivity, capillary absorption acc. PN-EN 1062-3	Class III
Temperature of paint, substrate and ambient temperature during paint application and drying	from +5 °C up to +30 °C
Relative humidity during paint application and drying	below 80%
Number of coats	1
Time of drying	approx. 2 hours*
Application of second coat	approx. 4 hours*
Total time of drying (surface use)	approx. 12 hours*

Time shown in the table is recommended for application at temperature 23°C and humidity 55%, in lower temperature and higher humidity drying time might be longer.



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TECHNICAL REQUIREMENTS

Maximum content of VOC in the product ≤ 30 g/l, maximum allowable VOC content: 130 g/l.

LACQUERING

Substrate preparation

The substrate should be:

- stable,
- air-dry,
- clean – dedusted and cleaned of any old paint coatings or other coats which would impair the paint bonding, in particular of dirt, dust, wax and grease,
- even, free of cracks, gaps should be repaired before painting.

Detailed requirements on substrate preparation.

TYPE OF SUBSTRATE	SUBSTRATE PREPARATION
fresh cement-lime plasters	coating with paint after stabilization (3-4 weeks)
fresh concrete	coating with paint after approx. 1 month since installation
fresh gypsum plasters	coating with paint after stabilization (2 weeks)
old surfaces covered with acrylic or latex paints well bonded to the substrate	no priming – degrease paint by washing with water and detergent and wait until dry
old distempers and other coats poorly bonded to the substrate	remove carefully
old absorbable or dusty substrates	prime e.g. with PRIMER emulsion, coat with base coat paint INITIUM COLOR
substrates infected with fungi	clean and protect with ATLAS MYKOS NO 1 or MYKOS PLUS agent

Colouring

Product is colourless.

Product preparation

Product is manufactured as ready-to-use. Product should be thoroughly mixed in order to unify the consistency.

Lacquering

The varnish should be applied in two coats with a brush, roller or decorating tools. After drying of a first coat (after approx. 4 hours) the second coat can be applied. The next coat can be applied, if needed (depending on substrate type and place of use e.g. shower cabin).

CONSUMPTION

1 l of varnish is sufficient for application of product on 15m² (single coat).

Actual consumption depends on:

- structure and absorptiveness of the substrate,
- method of the substrate preparation,
- installer's experience,
- chosen method of application.

PACKAGING

Plastic packaging 1l, 3l.

IMPORTANT ADDITIONAL INFORMATION

- Product can not be used for impregnation of floor surfaces.
 - It is advised to perform sample application in order to check the method of paint application.
 - Use product of the same production date on an individual surface or mix the contents of all packages in one container. Tools must be cleaned with water with detergent directly after use, before the paint dries.
 - Caution. Walls should be protected against capillary action.
 - HYDROPHOBIC AGENT does not form damp-proof course. The product forms hydrophobic coat which repels water, fluids and dirt, which prevents against dirt settling and facilitates keeping cleanliness.
 - The coat covered with the HYDROPHOBIC VARNISH cannot be:
 - scrubbed for a long time with coarse cleaners,
 - scratched,
 - cleaned with strong chemicals,
 - cleaned with high pressure tools.
 - Harmful to aquatic life with long-lasting effects. Contains post-reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. Keep out of the reach of children. Read label before use. Avoid release to the environment. Dispose of contents/container to properly labelled containers for selective waste collection emptied by an authorized company.
- Contains biocides:
- terbutryn CAS: 886-50-0 2
 - octyl -2H-izothiazol-3-one CAS: 26530-20-1
 - zinc pyrithione CAS 13463-41-7
 - tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione CAS: 5395-50-6
 - post-reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9.
- Proceed in accordance with the Safety Data Sheet.
- Keep in dry, cool and well ventilated room in tightly sealed original and labelled containers. Avoid direct sunlight, heat sources, hot surfaces and open flames. Temperature of storage from +5°C up to +30°C. Protect against freezing. Shelf life in conditions as specified is 24 months from the date of manufacturing shown on the packaging.

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. At the time of publication of this product data sheet all previous ones become void. Current product technical documentation is available at www.fox-dekorator.pl.

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