



Properties

Metallic varnish is a mix of acrylic dispersions, hydrophobing agents, modifiers and metallic pigments.

Forms unique and exceptional metal effect on a façade.

Coat elasticity and high resistance to atmospheric conditions – owing to rich content of polymer dispersions.

Highly hydrophobic, resistant to soiling – great content of special acrylic resins allows for significant reduction of coating absorptiveness, therefore reduces deposition of dust and dirt.

Durable and stable colours – specially selected metallic pigments of high resistance to UV radiation assure long term colour stability and durability. This solution allows to keep façade aesthetics – shades do not fade nor get rusty even in case of intensive exposure to UV radiation. Therefore, the façade coated with metallic varnish keeps decorated for long.

Available in 4 colours – colour range imitates most common shades of metals: aged gold, patinated silver, titanium, copper. The final effect depends on colour and texture of substrate coated with varnish.

Use

Application of thin metallic protective coatings on decorative renders ATLAS CERMIT N-100, ATLAS CERMIT WN and ATLAS REKORD – product can be used indoors and outdoors, also on concrete substrates, mineral renders of any type (smooth, textured, etc.), plasterboards, etc.

Technical data

ATLAS METALLIC VARNISH – varnish for indoor and outdoor use: maximum content of VOC in the product < 130 g/l, maximum allowable content of VOC 130 g/l.

Density	approx. 1.6 g/cm ³
Temperature of application (substrate and ambient)	from +5 °C to +30 °C
Relative air humidity	< 80%
Time of drying	approx. 30 minutes (depending on ambient conditions)
Water absorptiveness after 24 h	≤ 200 g/m ² after 24 h (with mineral render ATLAS CERMIT WN)
Early resistance to rain	after approx. 24 h
Relative diffusion resistance	0.14 ≤ S _d < 1.4 m

ATLAS METALLIC VARNISH

- unique façade decorative effect
- resistant to atmospheric factors
- exceptional coat flexibility
- noble and modern façade appearance



EASY IN USE



FOR WALLS



FROST- AND WATERPROOF



INDOORS AND OUTDOORS



APPLY WITH BRUSH



APPLY WITH ROLLER



SPRAY APPLICATION

Application

Substrate preparation

The substrate should be dry and sound, free of dirt. Its smoothness facilitates formation of the metallic plate effect. Natural irregularities resulting from render smoothening can get more intensive after coating with varnish. Consider rustcating if a surface cannot be coated completely in a single application cycle. Absorptive substrates should be primed with ATLAS OPTI-GRUNT agent.

Note: excessive priming can hamper the varnish application.

Detailed guidelines on the substrate requirements:

Substrate type	Stabilization requirements
ATLAS REKORD, ATLAS CERMIT WN and other mineral substrates	min. 5 days*
ATLAS CERMIT N-100 and other dispersive renders	min. 3 days*
Freshly applied cement plasters made of ready-to-use ATLAS plastering mixes, traditional cement or cement – lime plasters	min. 14 days*, moisture content < 2%
Concrete	moisture content < 2%
Firmly fixed and primed plasterboards (follow boards manufacturer's guidelines and engineering principles)	moisture content < 2%

*for setting conditions: T = +20°C, air humidity 50%

Varnish preparation

Metallic varnish is delivered ready-to-use. Mix well before use in order to unify its consistency, best with a low speed mixer with a drill. Repeat mixing during application, if needed. The product must not be mixed with other materials or thinned.

Metal Effect application

Varnish should be applied in two coats. Use clean tools and containers only. The best metallic coating is formed when applying the varnish with a roller. In case of spray application, protect neighbouring façade elements, windows and doors. Apply the varnish with uniform, thin coat, avoid patches and unpainted points. Do not leave unpainted points.

Time of drying - depending on substrate type, air temperature and relative humidity – from 30 minutes up to 2 hours. In high humidity and temperature close to +5°C the time of drying can extend.

Consumption

The actual consumption depends on substrate type and evenness. Coverage for single coating of even, non-absorptive substrate - approx. 16-20 m² from a single packaging. The actual consumption can be established on basis of sample application upon particular substrate.

Important additional information

- Do not use on façades exposed to strong sunlight. Protect painted surfaces both during application and approx. 24 hours after against direct sunlight. Use scaffolding covers. Protect painted surface against dust and precipitation until the varnish dries.
- In order to avoid differences in colour shades an individual surface should be coated in one technological cycle with varnish of the same manufacturing date.
- Tools must be cleaned with clean water directly after use.
- Do not use the product on horizontal surfaces exposed to direct water and snow action as well as damp resulting from capillary action.
- **Refers to colours patinated silver, aged gold, copper.** Harmful to aquatic life with long lasting effects. Keep out of reach of children. Read label before use. Avoid release to the environment. Dispose of contents/container to appropriately labeled containers designed for selective waste treatment, emptied by an authorized company. Follow the instructions of the Safety Data Sheet.
- **Refers to colour titanium.** Harmful to aquatic life with long lasting effects. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Contains TRICOBALT TETRAOXIDE. Keep out of reach of children. Read label before use. Do not breathe dust/fumes/gas/mist/vapours. Avoid release to the environment. If inhaled and experiencing respiratory symptoms: remove person to fresh air and keep comfortable for breathing. Dispose of contents/container to appropriately labeled containers designed for selective waste treatment, emptied by an authorized company. Follow the instructions of the Safety Data Sheet.
- Keep in cool, dry and well ventilated place in tightly sealed original and labeled containers. Protect against direct sunlight, heat sources, hot surfaces and open flames. Temperature of storage: from +5°C up to +30°C. Protect against freezing. Mix well before use. No adverse interaction known when above conditions are followed. Shelf life in appropriate conditions is 12 months from the production date shown on the packaging.

Packaging

Plastic bucket: 4 l

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.

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