

ATLAS METALLIC VARNISH



- unique decorative effect on a façade
- resistant to atmospheric factors
- exceptional flexibility of the coating
- noble and modern façade appearance



EASY IN USE



FOR WALLS



FROST
AND WATERPROOF



FOR INTERIOR
AND EXTERIOR USE

Properties

Metallic varnish is a mixture of aqueous acrylic dispersions, hydrophobizators, matifying additives and metallic pigment.

It allows for a unique and exceptional metal effect on the façade.

Flexibility of the coating and high weather resistance - ensured by high polymer dispersion content. The coating, even in dark colour, is able to withstand high thermal stresses.

Highly hydrophobic, resistant to soiling- the high content of a selected acrylic dispersion allows a significant reduction in the absorption of the coating and reduces the adhesion of dust and dirt.

Durable and stable colours - specially selected metallic pigments with high UV resistance ensure colour stability and durability. The colours do not fade or rust, even with high UV exposure. A façade coated with a metallic lacquer finish will enjoy the effect for many years.

Available in 4 colours - colours imitating the most common metal colours: aged gold, patina silver, titanium, copper. The effect obtained depends on the colour and degree of development of the substrate to which the metallic varnish is applied.

Purpose

Application of a thin, metallic protective coating on decorative renders ATLAS CERMIT N-100, ATLAS CERMIT WN and ATLAS REKORD - product can be used indoors and outdoors, also on concrete substrates, all types of mineral render (smooth, textured, etc.), plasterboard, etc.

Technical data

Varnish for interior and exterior use ATLAS METALLIC VARNISH: Maximum VOC content in the product <130 g/l, permissible VOC content 130 g/l.

Density	approx. 1.6 g/cm ³
Application temperature (substrate and ambient)	from +5 °C to +30 °C
Relative air humidity	< 80%
Drying time	approx. 30 minutes (depending on ambient conditions)
Water absorption after 24 h	≤ 200 g/m ² after 24 h (with ATLAS CERMIT WN mineral render)
Early resistance to rain	after approx. 24 h
Relative diffusion resistance	0.14 ≤ Sd < 1.4 m

Substrate preparation

The substrate should be dry and load-bearing, free from contamination. The substrate should be as smooth as possible in order to achieve the effect of a metallic plate. Natural unevenness caused by smoothing render may be intensified after application. If the surfaces to be applied are too large to be covered in one pass, consider forced rendering. On absorbent mineral substrates it is necessary to prime with ATLAS OPTI-GRUNT. Caution: too much primer causes difficulties in the application of the varnish.

Specific requirements for substrates:

Substrate type	Seasoning requirements
ATLAS REKORD, ATLAS CERMIT WN and other mineral substrates	min. 5 days*
ATLAS CERMIT N-100 and other dispersion renders	min. 3 days*
new cement render made from ATLAS ready-mixed mortars, traditional cement and cement-lime renders	min. 14 days*, moisture content < 2%
concrete substrates	min. 3 months*, moisture content < 2%
gypsum substrates (stucco elements)	moisture content < 2%
drywall securely fastened and primed in accordance with the panel manufacturers' recommendations and in accordance with the rules of the trade	moisture content < 2%

*) - Note: applies to curing conditions: T = +20 °C, 50 % humidity

Preparation of metallic varnish

Metallic varnish is supplied as a ready-to-use mixture, which needs to be thoroughly mixed to an even consistency before use. This is best carried out mechanically using a slow-speed drilling machine with an agitator. Repeat as necessary during application. The mixture must not be mixed with other materials and must not be diluted.

Application of metallic varnish

The varnish should be applied in two coats. Only clean tools and containers should be used for application. The best metallic effect is achieved with a roller. If spray application is used, adjacent sections of the façade and window and door frames should be carefully covered. The varnish should be applied in a uniform, thin layer, avoiding runs and under-painting. It is not allowed to leave areas unpainted. The drying time of the coating, depending on the substrate, temperature and relative humidity of the air, is between approx. 30 minutes and 2 hours. Under conditions of increased humidity and a temperature of approx. +5 °C, the drying time can be extended.

Consumption

The paint consumption depends on the type and evenness of the substrate. On an even, non-absorbent substrate, the capacity from 1 pack is 16-20 m² with one coat. The exact consumption value can be determined from a test carried out on a plastered substrate.

Packaging

Bucket 4 kg.

Important additional information

Do not apply on parts of the façade that are exposed to strong sunlight. Painted surfaces should be protected from direct sunlight before and approx. 24 hours after application. Use protective nets on scaffolding. The stained surface should be protected from dust and rain until the paint is completely dry.

In order to avoid possible differences in colour shades, the coating should be applied to one surface with the same manufacturing date and as far as possible in one process cycle.

Tools should be cleaned with clean water, immediately after use.

The use of the product on horizontal surfaces exposed to permanent direct contact with water and snow, on surfaces exposed to moisture as a result of capillary rising of moisture, is excluded.

Applies to colours patina silver, aged gold, copper. Harmful to aquatic organisms with long lasting effects. Keep out of the reach of children. Read label before use. Avoid release to the environment. Dispose of contents/container to appropriately labelled containers for separate collection of waste emptied by an authorised company. Proceed in accordance with the Safety Data Sheet.

Applies to titanium colour. Harmful to aquatic organisms with long-lasting effects. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Contains TRIKOBALT TETRATLENE. Keep out of the reach of children. Read label before use. Do not inhale dust/gas/mist/vapour. Avoid release to the environment. In case of entry into the respiratory tract and difficulty in breathing, remove or carry the affected person to fresh air and ensure conditions for resting in a position that allows free breathing. Dispose of contents/container into properly labelled containers for separate waste collection emptied by an authorised company. Proceed in accordance with the Safety Data Sheet.

Store in a cool, dry, well-ventilated area in a properly labelled and tightly closed original container. Avoid direct sunlight, heat sources, hot surfaces and open flames. Storage temperature: +5 °C to +30 °C. Protect against frost. The product should be mixed before use. Under the above conditions no adverse interactions are known. The storage life of the mortar under the specified conditions is 12 months from the date of manufacture indicated on the packaging.

The information contained in this Technical Data Sheet is a basic guideline for the use of the product and does not release you from the obligation to carry out the work in accordance with the rules of the art of construction and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid. Up-to-date technical product documentation is available at www.atlas.com.pl. Update date: 2018-02-21