

METALLINE

Decorative finish with metallic effect



Main Characteristics

Description:



METALLINE is the interior and exterior composite coating based on natural metallized additives, including special stabilizers. Allows you to use the material as an independent, for the embodiment of various creative textures, and as a finishing coating. METALLINE gives the texture the effect of precious metals and provides a high degree of protection from direct and prolonged exposure to moisture, including for the protection of coatings in spaces with direct water ingress.

Basic types of materials:

Silver – silver base, tinted in cold colors and shades
 Gold – gold base, tinted in golden colors and shades
 Chameleon – smart base, painted in various colors and shades
 Bronze – bronze base
 Copper – copper base

Usage:

METALLINE is used as a decorative coating of surfaces and interior and exterior items. It can be applied to the wood, plastic, MDF, metal, aluminum, acrylic and the natural stone, gypsum, plaster, concrete and other materials.

Preparation

When applied to walls and ceilings in interiors and exteriors:



Before applying the METALLINE material, it is necessary to prepare the surface using a system of preparatory putties ORSO Infinity Basic and/or Light or analogues. Surface preparation must comply with the building regulations for the preparation of walls and ceilings in the interior and exterior for painting or international standards of the category Q4 (K4) respectively.

The prepared surface should be smooth and even, without scratches and chips!

1. Apply 1–2 coats of fixative of a deep penetration PRIMER NORMAL diluted with water in a ratio of 1:8. The time of interlayer drying is 2 hours. Complete drying 4–6 hours (before use, we recommend that you read the technical description of the product).
2. Apply 1 layer of special substrate (paint) PLASTOGUM/PRIMER LISCIO (before use, we recommend that you read the technical description of the product). After applying the substrate, wait for it to dry completely: 6–8 hours. The substrate gives a surface the necessary adhesion and sets the background color corresponding to the color of the decorative coating METALLINE.



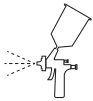
Application

When applied to metals:

2. Surface preparation for painting should be carried out according to GOST 9.402 (degree of purification from oxides – 2, degree of degreasing – 1) or according to MS ISO 8501-1 (to the degree of Sa2 ½ or St3). Before applying, it is recommended to remove (by dry method) dust and dirt from the surface to be coated, so that the surface covered with varnish does not have irregularities and spot defects. To clean the metal, we recommend that you refer to the technical specifications and recommendations of the metal manufacturer.
3. Apply 1 layer of special substrate (paint) PLASTOGUM (before use we recommend that you read the technical description of the product). After applying the substrate, wait for it to dry completely: 6–8 hours. The substrate gives the surface the necessary adhesion and sets the background color corresponding to the color of the decorative coating.

Application

Spray gun:



Recommended nozzle size: 1.2 – 2.0 mm. Air pressure: 2.0 – 3.0 bar. It is recommended to remove the built-in filter in the spray gun.

Brush:



Brush application is also possible. The application technique and the number of layers depends of the desired result and are determined experimentally when creating a sample.

Roller:



If necessary, the material can be diluted with the water up to 25% (depending on the desired effect) for both the first and subsequent layers. To obtain the most effective result, it is recommended to cover in 2 layers. Interlayer drying time: 6-8 hours.

Protection

If necessary, the metallized surface can be treated with the special varnish VETRIFICANTE POLIURETANICO for additional protection from moisture and scratches. When processing with varnish, it is necessary to take into account that a slight darkening of the metal is possible.



Technical characteristics

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|--------------------------|-------------------------|
| Application temperature: | +5 ÷ +35 °C |
| Relative humidity: | < 85% |
| Drying by touch: | 30 minutes |
| Interlayer drying: | 6–8 h |
| Complete drying: | 24 h |
| Specific gravity: | 1.05–1.1 kg/l |
| pH: | 7-8 |
| Theoretical consumption: | 6 ÷ 8 m ² /l |
| Color: | basic standard, tinted |
| Packing: | 0.75 l, 4 l |

Tinting



Tinting is possible in a wide range of colors, including support for RAL and NCS systems. We recommend tinting with the help of pigments and the PCS (PRATTA COLOR SYSTEM) tinting system according to the catalogs of own colors for silk coatings of the «SETA» series.

Storage

Keeping:



Product without tinting in packaged form, placed in a cool, dry place, has a shelf life of up to 24 months. After use, the packaging should be carefully closed and stored in an inverted position. Storage and transportation temperature: from +5° C to +30° C.

Recycling:

Do not recycling with a household waste. Recycling of in accordance with the current regulations of the Federal Service for Supervision of Consumer Rights Protection and Human Well-being.

The information provided is general in nature and does not take into account the specifics of a particular object or product. When using the material for other purposes not specified in this manual, the manufacturer is not responsible for the improper use of the material, and the buyer loses the right to make claims and satisfy claims related to the quality of the coating obtained.

