

METALRESIN

DESCRIPTION

Metalresin is a two-component decorative coating. It contains metal powder and special resins of high adhesion and impermeability, as well as high elasticity, which allows the coating not to crack even under structural stresses. The product does not

darken under the influence of water, has a very good wear resistance and excellent scratch resistance. After drying, the coating can be polished to give it a natural metallic shine.

MAIN PROPERTIES

- Breathable
- Low thermal diffusion
- Does not yellow
- High elasticity
- Very good adhesion
- High deformability mineral coating
- High mechanical resistance
- Aseptic
- Highly Decorative
- Polishable

TECHNICAL DATA SHEET

Finish: Matt

Metals powder: Copper, Bronze, Gold, Silver

Solids in weight: 100%

Drying time: 2 a 3 hours

Drying time before polishing: 24 hours

Expiration: 24 months from date of production in original closed containers.

Storage: The temperature must not be less than + 5° and more than + 25° during storage

Approximate consumption: 2 kg/m² (1 mm thick)

SURFACE PREPARATION AND APPLICATION RECOMMENDATIONS

The surface to be applied must be free of products that interfere with adhesion, such as waxes, oils, etc. The product can be applied as a finishing coat on top of traditional microcement coatings.

Before applying Metalresin, Primer 100 should be applied to the pre-levelled surface according to the specifications.

Mix Metalresin components A + B (5-10% water may be added to improve flowability).

Apply Metalresin with a trowel in two layers. You can create a smooth or textured surface. After 24 hours the surface can be polished with a high-speed rotary sander at 120, 220,

400 or 800, 1500, 4000 grit depending on the desired degree of shine.

For an oxidized effect, apply Nordic Green or Nordic Blue activator, use once the Metalresin is dry. The activator can be applied by brush, sponge or spray. Let the rust activator act for 24 hours. Then, start with the polishing system.

On floors and areas in contact with water, such as showers, apply Aquamax Dur polyurethane protective coat before polishing.

TECHNICAL CHARACTERISTICS

Comp. A	Metal powder (Silver, copper, Bronze and Gold)
Comp. B	Liquid resin
Apparent density comp. A	Silver 1,5 kg/l Copper 2,3 kg/l. Bronze 2,3 kg/l. Gold 2,3 kg/l.
Apparent density comp. B	1,1 kg/l.
Consumption:	1,5 kg/m ² -mm
Compressive strength:	1 day approx. 10 N/mm ² 7 days approx. 22 N/mm ² 28 days approx. 25 N/mm ²
Flexural strength:	1 day approx. 2,0 N/mm ² 7 days approx. 3,0 N/mm ² 28 days approx. 3,5 N/mm ²
Granulometry:	Max. 100 µm
Packaging:	Silver 2,5 kg + 1L Copper 3 kg + 750ml Bronze 3 kg + 750ml Gold 3 kg + 750ml
Storage:	Approx. 24 months in dry places and in its original closed container

FABRIC AND OFFICE CENTRAL

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