

Metallicum

Technical Data Sheet Revision: of:



Line

Single-component decorative coating with liquid metal effect.

Product description

Metallicum is a special decorative coating with a liquid metal effect finish based on gel polyurethane resins, special additives and aggregates in aqueous dispersion.

Metallicum is an environmentally friendly product, compliant with modern housing needs, it allows you to create smooth or textured finishes embellished with a liquid metal effect. The surfaces take on a decorative value that evokes the ductility and malleability of metals. The wise use of the material and the advanced technology create the new finish; the result is a decorative coating with unique qualities that allows you to decorate and isolate environments in an original way.

Industrial design and urban design meet giving life to metal walls with a strong and decisive character, rich in shades and details, showing the effect in all its beauty. **Metallicum** is composed of a neutral base to which the metallic powder is added to achieve the desired effect.

Fields of use

Metallicum is formulated for use on internal surfaces in masonry, plaster, concrete, gypsum, plasterboard as long as they adhere well to the substrate and adequately primed and prepared.

Technical features

Appearance	Metallic shiny
Color	Steel, Bronze, Copper and Gold
Density Kg / Lt	1.140 ± 0.05 Neutral Base
Supply viscosity 25 ° c	Thixotropic
Volumetric dry residue	72 ± 2%
Theoretical yield	250 - 350 g / m2 in 2 coats with a smooth effect 500 - 700 gr / sqm in 2 coats like texture effect
Dilution	Water if necessary max 2%
Application method	Stainless steel spatula
Drying at 25 ° C	Out of touch 1 - 2 hours Touch dry 3 - 5 hours Dry in depth 18 - 24 hours
Minimum / Maximum overlap	4 - 6 hours / no limitations
Storage stability	12 months

Standard packaging

Kg 3

Note

Store the product at room temperature away from direct sunlight and in its tightly closed containers. Do not apply the product at temperatures below + 5 ° C and above + 40 ° C with relative humidity above 85%.

Application procedure

Surface preparation

Carefully check the surfaces to be decorated;

Remove the loose, crumbly and non-adherent parts, clean and brush carefully, make sure that the substrate is solid, clean and dust-free, in the case of new construction, respect the curing times of the substrate.

Surfaces with irregularities, unevenness, widespread repairs, cracks, cracks, etc. they must be repaired and / or shaved.

On new or already painted surfaces showing mold, apply a coat of **Atriathermika Igienizzante with a brush** , let the product react for at least 3-4 hours and then proceed with the preparation and check as above.

Old and new surfaces : Make sure that the surfaces are well cohesive, compact and cured, remove dust and prime with Isoacryl diluted 1 to 7 with water. In case of chalking surfaces, apply **Murofix** as a base coat, it is possible to apply the product on already painted walls as long as they are in good condition (see instructions above).

Preparation of the product :

Pour the metal powder in small doses into the neutral base, mix thoroughly until a homogeneous paste is obtained (avoid the presence of lumps or non-dispersed product) use an electric mixer at low speed or manually (be careful to disperse the lumps).

Apply **Metallicum** with a stainless steel trowel, then spread a good amount of product smooth or decorate until the desired appearance is obtained, the mixture can be used for at least 24-48 hours as long as it is closed well.

It is possible to apply a second layer of product (if necessary or according to the texture to be created) after 4-6 hours.

Polishing:

After 12 - 18 hours (check that the product is perfectly dry) it is possible to proceed with the surface polishing, using 1000 and 3000 grain silicon carbide polishing discs, by means of a vacuum polisher.

After processing, clean the surface with a microfibre cloth to remove any metal residues.

Application Notes

Apply in favorable climatic conditions (+ 5 ° C / + 40 ° C and maximum relative humidity 80%)

At the time of application, the substrate must be sufficiently dry.

Do not apply on substrates with rising damp or with the presence of efflorescence

In case of low temperature and high humidity, lengthen the recoating time between one coat and the next.

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