

SCHEDA TECNICA N°342

DIAMANTE METALLICO

Protective resin

DESCRIPTION

DIAMANTE METALLICO is a metallic finish with decorative effect and protective properties.

In particular, it provides the substrate with maximum protection, washability and scratch-resistance properties, as well as decorative enrichment and resistance to continuous water contact.

DIAMANTE METALLICO is available in the following versions:

- METALLICO STAGNO (SILVER finish)
- METALLICO OTTONE (GOLD finish)
- METALLICO BRONZO (BRONZE finish)
- METALLICO RAME (COPPER finish)

Nature of product: Epoxy. Operating temperature from -10°C. to +40°C.

APPLICATION

Catalysis ratio: Combine 200 parts by weight of DIAMANTE METALLICO with 120 parts by weight of DIAMANTE CATALIZZATORE.

DILUTION: Ready to use

COVERAGE RATE:

Depending on the substrate ... The performance is very variable as DIAMANTE METALLICO can be applied on different supports, smooth or rough. On average 4-5 sqm per kg if the surface is smooth, if rough depending on the surface the performance can be very variable from 1 sqm to 3 sqm. Please contact the supplier for further information.

COATS: 2 coats with ABILE LUX stainless steel trowel.

APPLICATION: Start the preparation of DIAMANTE Metallico by mixing the metal component with the catalyst, taking care to mix the two parts by hand, or better, with an electric mixer.

Processing time once catalyzed 20-30 minutes.

It is advisable, therefore, to catalyze one kit at a time.

WARNING: When mixing another kit, clean the tools used for the previous mixing well.

If the mixing tool should have traces of product from the previous kit, it could have an unwanted chemical reaction such as accelerating the catalysis of the new mixture, which could therefore be unusable.

Another undesirable effect could be that the product gets too hot and could lead to smoke formation.

Once mixed thoroughly DIAMANTE METALLICO (following all recommendations carefully), apply 1 coat of the product with « ABILE LUX » trowel on the whole surface.

During application avoid going back to smooth the product. For this reason it is recommended to apply a thin layer of product. Any imperfections will be covered and fixed with the second coat.

Allow to dry for at least 24 hours according to temperature.

During this phase the surface may heat up, but this should not give any worry as it is a normal reaction typical of an epoxy product.

Once dry and cooled, apply a second coat of DIAMANTE METALLICO trying to follow the same procedure as the first coat.

In addition to the smooth application, the product can be applied in other ways according to the applicator's imagination: for example, once DIAMANTE METALLICO has been applied with the EXOTIC or ABILE LUX ONDA trowel, it is possible to create scratched effects.

You can also apply several colours at the same time, in this case the colours will blend together to create quite original marble effects.

For any further information contact the supplier or see the tutorial on Rivedil's YouTube channel.

Use an orbital sander to smooth the entire surface using a 240 grit sandpaper.

Repeat last point with sandpaper 500 grit

Repeat last stitch with sandpaper 800 grit

Repeat the last point with sandpaper 1500 grit

Repeat the last point with sandpaper 3000. grit

The purpose of sanding with increasingly thinner sandpaper is to make the surface where the DIAMANTE METALLICO has been applied more and more smooth.

With each sanding with thinner and thinner sandpaper, less and less time will be required.

Now polish with the polisher after applying some abrasive paste on the surface.

Make a final polish with the CERA D'ARTE NEUTRA produced by Rivedil.

Let it dry completely to appreciate the final metallic polished effect.

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TECHNICAL DATA	
Nature of the bond	Epoxy resin
Viscosity	
Drying Time	5-8 h at touch, oltre 96 h complete.
Thinning	Ready to use
Yield	2,1-2,9m ² /Kg
Specific weight	1Kg/Lt
Colors	
Dry aspect	
Wet aspect	Shiny and smooth slab
Storing	Max Temp. +30°C, Min T. +5°C
Stability	1 (in sealed, unopened original packing)
VOC	10µGr/m ³
TVOC	N/AµGr/m ³
PH	N/A°C
Cleaning	turpentine
Packing	0.690KG,1.38KG,2.76KG
CHARACTERISTICS	
Characteristics:	Washable.
Can be applied on:	Walls,Floors,Kitchen tops and tables,Bathrooms.
for:	Interiors.
Certifications:	
TOOLS AND RELATED PRODUCTS	
Tools:	Bucket,Stainless Steel Trowel 200x80cm,Stainless Steel Trowel 240x100cm.
Related products:	.

We do **not** recommend the application of DIAMANTE METALLICO on lime based products because for such products you have to wait for complete carbonation which can take a very long time. But even after this period the effectiveness of the application is not guaranteed. For such products it is better to apply another type of protection.

We do **not** recommend the application of DIAMANTE METALLICO outside.

It is **not** recommended to apply it even in indoor environments exposed to direct sunlight filtered by glass or windows, as it is an epoxy product that is sensitive to the sun's rays under which it tends to yellow.

NOTES

- Please note that due to technical reasons caused by the tinting of the product the indicated Specific Weight of the product may differ from the Package Net Weight.
- In the original, sealed containers and in appropriate temperature conditions . The period of stability is purely indicative, and refers to the minimum stability period of the product if stored ideal conditions according to the instructions provided. If properly stored the products stability period may extend several years.
- Rivedil ensures that the information herein is provided to the best of its experience and its technical and scientific knowledge , however , being elements such as weather conditions, labor , tools, quality of third party products and others, not under the direct control of the Rivedil , this document does not constitute a warranty , nor does Rivedil authorize its agents and / or representatives to provide any kind of warranty based on the information contained in this document . We recommend that you always check the suitability of the product to each specific instance . This supersedes all previous editions.

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