



## TECHNICAL DATA SHEET

# LIQUID METAL

## Highly Decorative Pure Metallic Finish

Name	LIQUID METAL
Description	A two components paste made of real metal. Available in five different solutions: Steel, Silver, Copper, Gold and Bronze.
Composition	Special epoxy-polyamide resin compound in aqueous emulsion, powder of special metal, reinforcing fillers, additives.
Where to apply	Smooth building surfaces, Metal structures, wood, furniture, floors.
Performance	excellent very high decorative effect good drying capacity excellent natural anti-mould and mildew very high adhesion to support good coating capacity excellent filler properties excellent workability
Appearance	It is a thick paste which can be worked with spatula, trowel or other tools like roller. It is a very hard compound once dry.
Colours	It depends on the type: grey for Steel and Silver, Red-brown for Copper , yellow for Gold
Packaging	1 kg component A and 1 kg Component B



## METHOD OF APPLICATION

### Preparation

We suggest to apply, first, DEKO primer, and leave it to dry completely.

The Liquid Metal comes in 1 kg containers. It is a two component. Use a comp.A and a comp.B of same metal. First mix separately the two components. The metallic powders are more heavy of the epoxy paste that contains them so it is possible that the powder and the epoxy past are separate. Mix carefully the component A and the component B having care to use different mixers to not contaminate one component with small parts of the other. Then mix carefully equal weight of component A and component B. From this moment the compound must be used within 30 and 60 minutes, depending on the temperature of application.

### Application

Once mixed, it can be applied with a steel trowel giving the decorator an unlimited amount of techniques and fantasies: You can apply flat and even but after 20-30 minutes, before it begins to harden, you can create drawings using different tools, like stencil, brush trowel, rollers, spatulas...

### Grinding, sanding, polishing

Once it is completely hard and dry, usually the day after, you have to sand the surfaces using different abrasive discs.. Begin with 220, 320, 400. respectively using a low speed and changing the disc when consumed. Than you begin the polishing with abrasive discs, 500, 800 Start at medium speed, gradually increasing until reaching a maximum speed. Get a mirror polishing with abrasive discs, 1500, 3000, 6000 Minimum speed of execution. The final treatment is done with Polish (type BLU 3M) with rotary buffer starting at low speed, gradually increasing up to a medium speed. The final cleaning can be done by hand with a paper towel, with the help of a mild degreasing detergent diluted 50% with water

## TECHNICAL DATA

Application by hand, with a steel trowel and spatula

Dilution none: ready-to-use paste

Consumption 1,8-2,0 kg/sq.m.

Drying 24 hours at 20°C

Washable 48 hours at 20°C

Application

Temperatures min. 8 max 30°C



Specific weight	2.500 ± 80 (gr/LT.) for Copper; 2.800 ± 80 for Brass, Bronze and Iron
Inflammability	non-flammable
Shelf Life	48 months
Storage Suggestions	Product maintains its characteristics best if protected from extreme heat or cold. Avoid temperature changes.
Safety Norms	Use gloves and glasses during the application. Keep away from children
Disposal	Product must be disposed of according to norms and regulations in force.

We have drawn up the material presented above to the best of our technical and experiential knowledge.  
**Nevertheless, our suggestions and recommendations are not guaranteed. We reserve the right to make modifications to the present information without previous warning.**