

Document type	Technical Data Sheet
<b>Name</b>	<b>LIQUID METAL</b>
<b>Description</b>	Decorative paint for interior vertical and horizontal architectural finishes. Created by blending real metal with durable epoxy resins, Liquid Metal is a decorative finish that resembles the original metal in both appearance and strength. It's available in Iron, Gold, Copper, and Bronze and can be used to cover almost any surface.
<b>Versions</b>	IRON, GOLD, COPPER, BRONZE
<b>Composition</b>	Solvent-free solid epoxy resin dispersion in water with metal powders, reinforcing fillers, additives.
<b>Appearance</b>	Component A: paste Component B: paste Component C: powders It is a three-component system. Once mixed it is a thick paste. It is a very hard compound once dry.
<b>Colour</b>	The various versions have the same colour of the original corresponding metals
<b>Packaging</b>	250 g component A 250 g Component B 1500 g Component C
<b>Application</b>	By hand, with spatula or trowel in one coat.
<b>Type of Surface</b>	Interior walls and floors
<b>Dilution</b>	No dilution. Mix the components as described below, and If the viscosity of the mixture is to be reduced slightly, it is possible to add up to 3% water to the mixture obtained.
<b>Consumption</b>	1.6 – 2 kg / sqm in one coat
<b>Drying</b>	6 hours at 20°C / 68°F to the touch 24 hours at 20°C / 68°F below the surface
<b>Application temperatures</b>	min 8 max 35°C – R.U. < 85% ca
<b>Coat Thickness</b>	Less than 2 mm
<b>VOC Classification</b>	EU Directive 2004/42/CE: EU limit value for this product (cat A/I): 200 g/l (2010). This product contains less than 200 g/l of VOC.
<b>Specific Weight</b>	2.500 ± 80 g/L for Copper; 2.800 ± 80 for Gold, Bronze and Iron
<b>pH</b>	8.4 ± 0.2
<b>Flammability</b>	European Class of Reaction to Fire A1: non-combustible, no contribution to fire
<b>Shelf life</b>	24 months when stored according to the recommended guidelines
<b>Storage</b>	In original sealed packaging between 5° - 35°C in a dry, dark environment
<b>Safety Norms</b>	It is important to adhere to the prevailing safety and hygiene standards while using it. Refrain from disposing of the product in drains, water bodies, or on the ground. Always keep the product out of reach of children. In the event of ingestion, or allergic reaction

	seek medical assistance without delay and present the container or label. For further details, consult the safety data sheet.
<b>Disposal</b>	Product must be disposed of according to norms and regulations in force. Containers must be sent for recycling. Follow directions on the packaging.
<b>Application Instructions</b>	<p><b>WARNINGS</b></p> <p>To ensure proper usage, dilution, and application of the products mentioned in these pages, please consult the corresponding technical data sheets.</p> <p>During application and for the following 24 hours, protect the surfaces from sudden temperature change, direct sun light and water. Don't apply in temperatures below 8°C or above 35°. During application make sure that the work area isn't too damp to avoid problems with application times.</p> <p><b>APPLICATION</b></p> <p><u>Preparation:</u> For best results, we recommend using DEKO PRIMER as the first step and allowing it to dry completely before application. LIQUID METAL is available in 2 kg containers and is divided into 3 components. To ensure proper mixing, we advise mixing COMPONENT A and B separately using different mixers to avoid any contamination. Once mixed, carefully combine all three components together. The mixed compound must be used within 20 or 50 minutes, depending on the temperature of the room.</p> <p><u>Application:</u> After mixing, LIQUID METAL can be applied using a steel trowel or spatula, providing a wide range of possibilities for decorators. The product can be applied evenly, and within 20-30 minutes, before it begins to harden, drawings can be created using a variety of tools such as brush trowels, rollers, spatulas, or other. This products is especially suitable for stencil decorations.</p> <p><u>Polishing:</u> After 24 hours, when the surface is completely hard and dry, use different abrasive discs to sand the surface. Start with a 220-grit disc, followed by 320 and 400-grit discs, using low speed and replacing the discs when worn. Then, polish with 500 and 800-grit abrasive discs, starting at medium speed and gradually increasing until you reach maximum speed. For a mirror polish, continue sanding with 1000, 1500, 3000, and 6000-grit abrasive discs at the lowest execution speed. The final treatment is done with a rotary buffer and Polish (type BLU 3M), starting at low speed and gradually increasing to medium speed. To clean the surface, use a paper towel with a mild degreasing detergent diluted 50% with water.</p>
<b>Finish Protection</b>	N/A
<b>Maintenance</b>	No special work is required in maintenance, just remove the dust.
<b>Tools</b>	SI TROWEL, SCRAPERS, STENCILS, SANDING MACHINE. Clean tools with hot water or alcohol after use.

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. All responsibility for the obtained results lies solely with the method and conditions adopted for the application of the product. Such indications constitute valid support for verifying the product's suitability for the specific case. We reserve the right to make modifications to the present information without previous warning.