LIQUID METAL
PASTE DECORATIVE ALLOY

COLORTEK®

DESCRIPTION
Liquid Metal Paste is a two-component topcoat use to provide real metal decorative finishes.

RECOMMENDED FOR
Liquid Metal is ideal when it comes to transforming interior design surfaces and elements into high value metallic works of art. Be it a simple panel or door right through to a sculptural bespoke wall – Colortek Liquid Metal technology applies a stunning real metal finish to any design.

KEY FEATURES
- Light – Does not add structural weight
- Can be applied seamlessly
- Cost effective compared to traditional metal solutions
- Cold applied – does not damage sensitive substrates
- Can be applied to any texture or shape
- Can be textured, patinated and waxed
- Easy application on walls
- Resistant to water
- Outstanding durability
- Resistant to detergents and cleaning solutions

PHYSICAL PROPERTIES

Solvent Type	Organic solvent	
Finish Type	Metal finish	
% Solids (volume)	~ 80% depending on color	
Pot life	4 hours at 20˚C	
Average Dry Time	Through dry 24 hours, full cure after 7 days	
Recoat	After 24 hours at 20˚C	
Dry Film Thickness	~100 microns	
Hardness	3H-4H	Based on ASTM D3363
Adhesion	5B	Based on ASTM D3359

SPREADING RATES

Color	Spreading Rate
White Bronze	2.5m²
Gilding Gold	3.5m²
Copper	3.5m²
Bronze	3.5m²
Silver Drummer	3.5m²
Finest B	4.5m²
Aluminum	4.5m²
Bronze Gold	4.5m²
Brass	4.5m²
Brass Gold	5m²

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SURFACE PREPARATION

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or any other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material.

New plaster or masonry surfaces must be allowed to cure (28 days). Cured plaster should be hard, have a slight sheen and a maximum pH of 10. A soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

Other substrate such as wood, metal, PVC, etc. should be treated according to their respective properties and nature.

CAUTION: Scraping or sanding surfaces of older buildings may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation and finish cleanup of any residues by water-washing all surfaces.

APPLICATION CONDITIONS

Do not apply at temperatures below 5 °C or when rain is expected.

APPLICATION METHOD

Mixing and application

The base component for some colors is supplied in a very viscous form. However once mixed with the hardener component the product becomes very easy to spread. Suggested method for mixing:

- Step1: Empty the whole base container into a larger container by flipping it over and giving it a strong tap or jerk. The material will fall in one piece into the larger container.
- Step 2: Add the hardener paste component to the larger container.
- Step 3: Mix the 2 components using an electric mixer and apply with an inox trowel.

Sanding and polishing

1. Use sanding paper 400 grid (twice)
2. Use sanding paper 800 grid
3. Use sanding paper 1500 grid
4. Use sanding paper 3000 grid
5. Use sanding paper 6000 grid (two passes)
6. Use Liquid Metal Polish #35
7. Use Liquid Metal Polish #8
8. Apply Liquid Metal Wax

Alternatively, you can skip step 6 and 7 by using Menzerna heavy cut number 5 and 2 before sanding with the sanding paper 6000 grid and applying the Liquid Metal Wax.

Color	Base	Hardener
White Bronze	3750gr	300gr
Gilding Gold	700gr	300gr
Copper	3800gr	300gr
Bronze	3800gr	300gr
Silver Drummer	750gr	300gr
Finest B	3700gr	300gr
Aluminum	1550gr	300gr
Bronze Gold	3800gr	300gr
Brass	3700gr	300gr
Brass Gold	3700gr	300gr

SHELF LIFE

24 months from the date of production.

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STORAGE AND HANDLING

Care should be taken to avoid spillage. Product should be stored in a dry area and protected from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

SAFETY

Use under well ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

CLEANING

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with paint thinner. Do not empty product into drains or watercourses. Wash hands after use in ethanol and warm soapy water.

TECHNICAL ASSISTANCE

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at info@colortek.eu or check our website www.colortek.eu.

DISCLAIMER

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128.

The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted based on the information supplied herein.