

Liquid metal for high-end decorative effects for interior and exterior

CHARACTERISTICS:

CREATIVO® METAL is an aliphatic, polyurethane finish with pure metal for high-end decorative effects. **CREATIVO® METAL** is a metal in liquid form with excellent workability to meet the applicator needs and creativity. With **CREATIVO® METAL** it is possible to achieve very smooth finishes similar to a metal foil and textured effects that remind of the artwork of the most experienced Italian artisans and reinterpret it both in a traditional or modern way.

With **CREATIVO® METAL** it is possible to completely transform any object or surface, thanks to its excellent bonding properties and hardness. **CREATIVO® METAL** can be applied both on vertical and horizontal surfaces.

CREATIVO® METAL is available:

- Steel
- Iron
- Gold
- Copper
- Bronze.

USE:

CREATIVO® METAL is suitable for decoration of public venues, stores, coffee shops, hotels and private houses.

It can be applied for decoration of walls, floors made with the **CREATIVO®** system, furniture, tables, reception desks and counters. **CREATIVO® METAL** can be applied on wood, plaster, reinforced concrete, concrete floors, masonry, fiber cement, epoxy and polyurethane coatings. By protecting **CREATIVO® METAL** with **CREATIVO® TOP**, the product can be applied in all areas where **HACCP** certification is required.

SURFACE PREPARATION:

Surfaces must be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other item that might affect adhesion of the system. Old paint, not perfectly compact and adherent to the substrate, needs to be removed.

Missing parts, holes, cracks or damages, need to be repaired with specific restoration mortars. The repaired areas should be cured correctly according to the nature of the thickness and product applied. In case the substrate is not solid, sound and compact, a consolidating coat of **CREATIVO® PRIMER** should be applied.

APPLICATION:

Make sure to use the same batch no. of component C for the same site in order to avoid differences in shades.

Mix **COMPONENT A** with **COMPONENT B** in the ratio indicated in the TECHNICAL DATA section. While mixing, add **COMPONENT C**, selected metal powder, and carefully mix the compound. We recommend to apply a first coat of **CREATIVO® METAL** by roller as a ground coat. Apply **CREATIVO® METAL** by stainless steel trowel and work the surface with the appropriate tool to achieve the effect desired. The product max. pot-life is 20 minutes. Do not apply the product after. To achieve particularly textured effects, especially on vertical surfaces, it is better not to use a large quantity of product in one coat, but instead apply another coat after 6-24 hours. After approx. 24 h, sand and polish the surface with a random orbit sander with vacuum.

Initially use a coarse-grain sanding pad and then gradually move to finer grains. This should be the correct sequence of pads: 400 – 600 – 800 – 1200- 2000- 4000 - Polish. Clean the surface to remove any residue.

Apply 2 protective coats of **CREATIVO® TOP**, HACCP-certified polyurethane finish, waiting 6-24 hours before application of the second coat. If more than 24 hours have passed, sand the surface with very thin sand paper (>250 G) and vacuum the dust before applying second coat. For application on showers, sinks, bathtubs and exterior surfaces a third coat of **CREATIVO® TOP** is required. Wait at least 24 hours from last coat before walking on the surface. It is anyway advisable to wait a few days for an improved cross-linking and higher resistance. 80% of the physical and chemical resistance is achieved over 3 days, while top performance can be achieved after 7 days. Temperature and humidity can affect the film formation and drying times.

To obtain a natural oxidized metal effect, avoid protection with **CREATIVO® TOP**. This way **CREATIVO® METAL** will naturally oxidize, but the surface won't be particularly scratch resistant. In any case it is always possible to polish the surface with Polish.

In case of floors or surfaces with water stagnation the surface must be protected with **CREATIVO® TOP**. Carefully wash all tools with water after use.

IMPORTANT NOTES:

- Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the supporting substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.
- Protect containers from freezing temperatures (minimum + 5° C).
- Store in a cool, dry place; do not expose to direct sunlight.
- The temperature of both the work environment and substrate should be between + 8° C and + 30° C. Relative humidity must not exceed 75%.
- Avoid curing with room temperatures or substrate temperature below +5°C.
- Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.
- Protect the treated surfaces from driving rain for as long as necessary for the complete curing of the product.
- Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.
- Due to the complexity of the system and its possible application, please contact our Technical Team for any clarification.

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

TECHNICAL DATA:

DRYING AT 20°C

Dust free 2-4 hours
Overpaint 6 – 24 hours;
Full mechanical resistance approx. 7 days.

POT LIFE

Approx. 20 minutes.

MIXING RATIO (except Copper)

Component A 1.0 kg
Component B 0.2 kg
Component C 2.2 kg

MIXING RATIO for COPPER

Component A 1.0 kg
Component B 0.2 kg
Component C 1.3 kg

PACKAGES

Large Kit:
Component A 1kg
Component B 0.2kg
Component C 2.2 kg
***Component C Copper 1.3 kg**

Small Kit:
Component A 0.25 kg
Component B 0.05 kg
Component C 0.55 kg*
***Component C Copper 0.325 kg**

CONSUMPTION

Ground coat by roller
Final coat by trowel

0.200 – 0.250 kg/m²
0.250 – 0.300 kg/m²

COMPONENT C COLOURS

Steel
Iron
Gold
Copper
Bronze

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

CREATIVO® METAL

J) Two-pack reactive performance coatings for specific end use such as floors
Limit Phase II (from 01/01/ 2010) 140 g/l
Max VOC in mixture (COMPONENT A): 25 g/l
Max VOC in mixture (COMPONENT B): 9 g/l
Max VOC in mixture (COMPONENT A + B + C): 19 g/l