



The product can be pigmented.

TECHNICAL **CHART 116**

COOL FUSION MONO + COOL METAL POWDER

Description of product

COOL FUSION MONO is a decorative finish to be applied to walls, tables and technical surfaces, which combined with COOL METAL POWDER allows to recreate the materiality of metals.

The product is characterized by high performance workability given the special composition of water-based one-component acrylic resins, fillers, specific rheological additives, and metal powders.

Application field

Decorative coating for interior walls, not recommended on surfaces frequently in contact with water.

Product characteristics

COOL FUSION MONO, combined with COOL METAL POWDER, is a decorative finish that lends itself to obtaining smooth or textured surfaces typical of real metal. With the right attention it can also be applied on old synthetic or mineral paints, plasterboard, wood and similar, pvc, fiber cement.

The COOL FUSION MONO product is conceived to be used only together with metal powders COOL METAL POWDER, to recreate the congenial effect of authentic metal.

In fact, used together with COOL METAL POWDER, can recreate the following 4 molten metal effects: Brass, Bronze, Copper, Zinc.

Technical data	
Name	Cool Fusion Mono + Cool Metal Powder
Composition	Composed of special single-component water-based acryl-polyurethane resins, thickeners, coalescents, rheological additives and fillers, metal powders
Aspect	Milky paste
Color	Cool Fusion Mono: White / Cool Metal Powder: Brass, Bronze, Copper, Zinc
Mixing ratio	Cool Fusion Mono Gr. 750 + Cool Metal Powder Kg. 2,25 Cool Fusion Mono Gr. 250 + Cool Metal Powder Gr. 750
POT life	18/24 hours after mixing with Cool Metal Powder
Dilution	Ready to use (possibly dilute with water 0-3% after mixing)
Quantity per layer	approx. 3,5 - 4 m ² /kg (depends on the substrate)
VOC class	VOC 30 g/l, wall paints and sub-categories "L" limit value EU 2010 30g/l
Kit Packages	Kg. 3 (Cool Fusion Mono Gr. 750 + Cool Metal Powder Kg. 2,25) Kg. 1 (Cool Fusion Mono Gr. 250 + Cool Metal Powder Gr. 750)
Storage	Store in a dry place with temp. 5°÷ 30°C
Notice	Mix well before use. Do not use on fresh, alkaline substrates or surfaces in frequent contact with water. Protect surfaces for 48 hours after application. Clean tools right after use.

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Instructions for use

- The substrate must be clean and dry, any unsubstantial parts or traces of oil or grease must be removed; plaster any irregularity of the substrate.
- Shake COOL FUSION MONO before use.
- Gradually add COOL METAL POWDER to obtain the desired metal effect, mixing carefully using a mechanical mixer fitted with a spiral, until achieve an homogeneous mixture without lumps.
- Mixing of components cannot be done manually. It is advisable to stir the mixture repeatedly in order not to lose the homogeneity of the mixture.
- The product should be applied in 3 coats.
- Application with stainless steel trowel.
- Approximately 24 hours after application, with the surface completely dry, proceed with sanding and polishing.
- About sanding, we recommend adequate equipment with speed variator, starting with 140 abrasives at low speed, then moving on to 300, 500 and 750 abrasives, increasing and proportioning the speed according to the desired effect.
- Continue with polishing using 1400, 3000, 5500 abrasives, always modulating the speed.
- Once the procedure is complete, it is advisable to clean the surface using a microfiber cloth moistened with a neutral detergent.
- After cleaning the surface, you can choose whether to keep the product as such, or add a slight protection to the product, always at least 24 hours after drying, using DECORWAX wax, to give further brightness to the surface while maintaining the appearance aesthetics of cast metal. Alternatively, for a greater protection, we recommend the use of the PURE VARNISH product in the MONO or BICO versions.
- Application temperature 10° - 35°C. During application, the material must be protected from frost and sudden changes in temperature.

Note

The present technical chart has been written by Bericalce's experts and the indicated technical and scientific information have been tested in our own workshop.

Any responsibility regarding the results are due only to the method and conditions used during application of the product.

These indications are a valid support for testing the quality of the product in each specific case.

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