

TECHNICAL **CHART 108**

HYPER GLASS BASE + REAGENT

Description of product

Two-component, thixotropic solvent-free resin with high viscosity.

Application Field

HYPER GLASS Base+Reagent can be used on concrete surfaces as a protective (top-coat); dust-proof and oil-proof coating for surfaces highly exposed to water.

Product characteristics

HYPER GLASS Base+Reagent is neutral and pigmentable two-component coating, with high viscosity, fire resistant and environmentally friendly. Its thixotropic characteristic allows the product to be used not only on horizontal, but also vertical surfaces. Suitable in the coloured version for spatulate finishes with transparent effects, depending on the percentage of colouring paste added.

Technical data	
Name	Hyper Glass Base + Reagent
Composition	Two-component, modified- epoxy formulation, neutral and pigmentable, solvent free and with medium Pot-Life, thixotropic and with high viscosity.
Aspect	Liquid
Color	Glossy, neutral
Dilution	Ready to use. However, depending on requirements and environments in which it has to be applied, it can be diluted with ethyl alcohol (for food use) or specific thinner(for other uses). The percentage may vary (5-7%) , depending on the porosity and absorption of the substrate and method of application.
Quantity per layer	0,3 - 0,4 Kg/m ² , or depending on the substrate on which it has to be applied.
Drying time	Touch dry after 8 - 10 hours at 20 ± 2 °C and 50 ± 10 of R.H. Hardening of the film from 6 to 8 days, depending on the temperature. Tendency to opacification and clouding in environment with low temperatures (<10°C) and high R.H (>70%).
Mixture life	pot-life 50 - 60 minutes at + 20 ± 2°C.
Viscosity	11000 - 14000 mPa s
VOC class	VOC < 20g/l
Specific weight	1,08 - 1,18 g/cm ³ a 20 ± 2°C.
Packaging Storage	Contenitori da kg. 0,49 (B+R) - 0,98 (B+R) - 4,90 (B+R). Keep in a dry environments,
Warnings	if possible at room temperature not lower than + 5°C. Keep away from frost. Surfaces must be protected for 72 hours after the application.

HYPER GLASS BASE + REAGENT

Instructions for use

- The surface must be clean and dry; remove loose parts if necessary, remove traces of oil and grease, as well as any chalking or removable sections.
- Application by brush, roller and trowel, at temperatures not below + 15°C.
- As the film is almost impermeable, bubbles or detachment may occur in the presence of moisture and application is not recommended on substrates with dark colours.
- Catalysis ratio: combine 100 parts in weight of HYPER GLASS BASE with 78 parts in weight of HYPER GLASS REAGENT.
- The product must be mixed with a mixer with low speed. Mix component Base with a propeller/blade mixer and then add the second component (reagent) and mix for a minimum of 3 minutes until the mixture is homogeneous in density and chromaticity.
- Pot-life 50 - 60 minutes at + 20 ± 2°C.
- After 10 to 18 hours, and no later than 48 hours, if necessary, apply further coats depending on the thickness required.

Notes

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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BeriCalce ITALIA

Via Odorico da Pordenone, 18

36100 Vicenza - ITALY

Phone (+39) 0444 929102

Fax (+39) 0444 929102

Skype: bericalce

info@bericalce.com

bericalce.com