



<b>PRODUCT</b>	<b>Epobase</b>
<b>MISSION</b>	<b>Solvent-free two-component epoxy primer and binder</b>
<b>CHARACTERISTICS</b>	Epobase is a solvent-free epoxy resin based two-component primer, formulated as a primer for polyurethane and epoxy resin systems. The product is generally used on high or low porosity cement decks, both as primer and binder for quartz aggregates in the preparation of synthetic mortars. Epobase may be diluted and used as a impregnating primer on cement decks that are to be resin coated or used "as is" as structural grouting resin for reinforcement bars.
<b>APPEARENCE</b>	Comp. A: straw yellow low-viscosity liquid Comp. B: amber low-viscosity liquid

**CHARACTERISTICS OF THE LIQUID PRODUCT**

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific Weight:	1,10	± 0,05	Kg/ dm <sup>3</sup>
Dry mass residue	100		%
Brookfield viscosity (with Brookfield viscometer rotor No. 5 speed 10)	700	± 100	mPa.s
Mixing ratio	A : B = 67 : 33		

**APPLICATION INSTRUCTIONS**

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Smooth metal trowel	Ready to use		Alcohol
Roller	Ready to use		Alcohol

<b>APPLICATION METHOD</b>	A single coat of the product may be applied by roller as primer or filled with 0,1 – 0,3 mm grade quartz sand at a ratio of 1: 1 in weight in order to smooth the deck before applying a polyurethane or epoxy resin system (such as Polyroof ). Please contact Casali's Technical Office for more information on preparing epoxy mortars.
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<b>LAYING SURFACE</b>	The surface should be perfectly clean with no traces of oil, grease, dust and humidity (less than 5%)
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<b>CONSUMPTION</b>	When used as smoothing coat, consumption is about 0,5 kg/sqm mixed in parts of 1:1 with quartz sand. Please contact Casali's Technical Office for information on the coverage for epoxy screeds and grouting.
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<b>APPLICATION INSTRUCTIONS</b>	Ambient and deck temperature MIN 10°C MAX 35°C
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<b>HARDENING AT 23° C AND 50 % U.R.</b>	<p>Pot life: 50' To touch: 5 – 6 h Complete hardening: MAX 7 days</p> <p>The times indicated refer to standard laboratory conditions. Drying times are strongly affected by the weather; high temperatures and exposure to direct sunlight accelerate hardening; shadow and low temperatures delay hardening. During winter it is advisable to lay the product in the middle of the day when it is warmer. Always ensure that the previous layer has hardened perfectly before applying a new coating.</p>
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<b>CHARACTERISTICS OF THE DRY PRODUCT</b>		
<b>CHARACTERISTICS</b>	<b>VALUE</b>	<b>U.M.</b>
Compressive strength	> 85	MPa
Resistance to flexotraction	> 70	Mpa
Shore D hardness	> 80	

<b>PACKAGING INSTRUCTIONS</b>	<b>COLOURS AVAILABLE</b> Neutral	<b>PACKAGING</b> A + B = 20 – 1500 Kg
<b>STORAGE INSTRUCTIONS</b>	<b>STORAGE TEMPERATURE</b> MIN 5°C – MAX 35°C	<b>STABILITY IN THE ORIGINAL PACKAGE</b> 6 months
<b>SAFETY STANDARDS</b>	Please read the safety data sheet carefully before using this product.	