UNIVERSAL EPOXY PRIMER FOR CEMENTITIOUS SCREEDS

PRODUCT DESCRIPTION

CEMPRIME EP is a 2 component epoxy resin primer for CEMSTYLE design screeds. CEMPRIME EP has an excellent bonding to dry and slightly humid subfloors. Broadcasted with quartz sand CEMPRIME EP creates a solid base, which allows a superb bonding between the subfloor and the cementitious flooring component on top.

TECHNICAL DATA

Solids	100 %
Density	Component A: 1,1 – component B: 1,3 g/cm³
Mixing ratio	Component A : component B - 2 : 1 (by weight)
Shore D	75
Color	Amber transparant
Pot life	± 30 minutes at 20°C
Shelf life	2 years
Viscosity at 20°C	Component A = 1060 mPa.s Component B = 150 mPa.s A+B = 485 mPa.s

APPLICATION

Material consumption	CEMPRIME EP 300-500 g/m² per coat, depending on the subfloor
Drying (20°C and 70% RH) **Lower temperature will extend curing time**	Dry after 8 hours Walkable after 24 hours Complete cure after 8 days Can be mechanically loaded after 2 days Complete chemical resistance after 7 days
Dilution	CEMPRIME EP can NOT be diluted
Packaging	Set: 8kg: Component A: 5,3kg, component B: 2,7kg
Storage	Dry, well ventilated, between 5°C and 35 °C

PREPARATION

Make sure the surface is clean and dry. Remove rust and dust from steel and degrease. The recommended processing temperature for the surface, the surroundings and the material is 15 to 25°C. Minimum temperature >10°C, maximum temperature <35°C. Relative humidity <70%. The surface temperature is always at least 3°C above dew point.

APPLICATION

Mix components A and B thoroughly before use. Take two parts resin (A-Component) and add one part hardener (B-Component) to it, by weight. Mix mechanically (300rev/min) until both components are homogeneously mixed. Small quantities can be mixed by hand. Apply with roller or brush. Depending on the roughness of the surface apply 300-500g/m². The wet paint surface should be broadcasted with dry quartz sand (0.4 – 0.8 mm). After curing the redundant sand should be removed.

Avoid primer pools on the substrate.

CLEANING

Tools and equipment can be cleaned with MEK.

HEALTH AND SAFETY

Exposed skin parts should be washed with warm water and soap before the primer has dried out
After washing: Apply a fat ointment or cream to exposed skin parts.
Wear breathing and eye protection during spray application.
Wear protective clothing to avoid skin contamination.
Clean with MEK when spilling.

DANGER

No hazard classification. Not hazardous under normal conditions of use. If in doubt, contact CEMART NV and provide the batch number on the package. Do not let the product get in contact with ground water, surface water or sewage systems. Dispose of contaminated packaging and remnants according to legal regulations.

GENERAL

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine himself whether the products are suitable for use. The characteristics given here are average values, obtained at 20°C and 50% RH, and were drawn up according to the current state of technology. As of publication, the present technical descriptions will replace all previous ones.

Please take into account different local conditions such as ventilation, floor temperature and humidity.
Do not process at temperatures below +10° C.
High humidity and low temperatures slow down the curing, high temperatures will speed up the curing process.
Do not add other products!

Consult our web site www.cemart.eu to download the latest version of our technical data sheet.

C€	Cemart NV, Maatheide 76E, B-3920 Lommel	cemart

EN 13813 SR-B1,5-AR0,5-IR10 - Resin screed/coating for indoor use in buildings

Reaction to fire	E_{fl}	Chemical resistance	A9
Release of corrosive substances	SR	Sound insulation	NPD
Water permeability	NPD	Sound absorption	NPD
Wear resistance (Taber, CS10-1000tr-1kg)	< 10 mg	Thermal resistance	NPD
Adhesion strength	B 1,5		
Impact resistance (ISO EN 6272)	> 10Nm		

NPD = No Performance Determined