

UNIVERSAL PRIMER FOR CEMENTITIOUS SCREEDS

PRODUCT DESCRIPTION

CEMPRIME AC is a water soluble polymeric dispersion. CEMPRIME AC is free from ammonia and has extremely low residual VOC content. CEMPRIME AC creates a solid and elastic polymer film, that gives excellent bonding between substrate and cement based flooring compounds.

APPLICATION AREAS

The primer has very good adhesion to most substrates like concrete, wood and rust proofed steel, even to exposure to water and high alkali conditions. On highly absorbent substrates it may be necessary to apply 2 coats of CEMPRIME AC. After applying the first coat, the water tightness of the with CEMPRIME AC treated substrate can be tested by pouring a cup of water onto the subfloor. If the water does not penetrate into the substrate and the surface does not immediately darken, then applying a second layer is not necessary

TECHNICAL DATA

Dry content	48 – 50 %
Density	0,98 – 1,04 g/cm ³
VOC-value	< 50 ppm
Particle size	0,12 – 0,14 µm
Color	White milky dispersion, clear when dry
Dilution	water
pH-value	7,5 – 8,5
Lowest film formation temperature	+3°C
Viscosity	Max. 500 mPas (Brookfield, #2 Spindle, 50rpm)

TOEPASSING

Dilution ratio Cemprime / Water	<p>Normal concrete 1 part CEMPRIME + 3 parts water</p> <p>Absorbent concrete First coat: 1 part CEMPRIME + 5 parts water Second coat: 1 parts CEMPRIME + 3 parts water</p> <p>Stainless steel: concentrated Cemprime + 10% water</p> <p>Wood: concentrated Cemprime + 10% water</p> <p>Watertight substrate: 50/50</p>
Material consumption	Concentrated CEMPRIME AC approx. 0,1 – 0,2 kg/m ² per coat, depending on the substrate
Drying	Air drying at maximum RH of 85%
Package	25 liter drums
Storage	Frost free in closed container; 6 months

PREPARATION

The substrate should be dry and clean, free from loose material, surface contamination, dust, grease, oil and other contaminations. To improve the adhesion, the substrate can be abraded by blasting or grinding followed by vacuum cleaning.

APPLICATION

Recommended methods for application:

1. Apply the primer by spraying
2. Apply the primer with a soft brush

Avoid primer pools on the substrate.

CLEANING

Tools and equipment can be cleaned with water.

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 water when spilling.

DANGER

No hazard classification. Not hazardous under normal conditions of use.

TRANSPORT

No transport classification. Should be transported free from frost.

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 +5° C.

High humidity and low temperatures slow down the constriction and the curing.

Do not add other products!

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