

PRODUCT DESCRIPTION

CEMPRIME is a water soluble styrene/acrylic dispersion, designed as a primer for application on floors and other cement-based products or surfaces. CEMPRIME creates a solid and elastic polymer film, that gives excellent bonding between substrate and cement based flooring compounds. CEMPRIME is free from ammonia and has extremely low residual VOC content. CEMPRIME is produced according to ISO 9001 -standard.

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.

TECHNICAL DATA

Binding agent:	Styrene/acrylic copolymer
Dry content:	48 - 50 %.
Density:	0,98 - 1,04 g/cm ³
VOC content:	< 50 ppm.
Particle size:	0,12 - 0,14 µm
Colour:	white milky dispersion, clear when dry
Dilution:	water
pH:	7,5 - 8,5.
Lowest film formation temp:	+2°C.
Viscosity:	max. 500 mPaS (Brookfield, #2 Spindle, 50 rpm)

APPLICATION**DILUTION RATIO****CEMPRIME / WATER:**

Normal concrete. 1 part CEMPRIME + 3 parts water.

Absorbent concrete:

First coat: 1 part CEMPRIME + 5 parts water.

Second coat: 1 part CEMPRIME + 3 parts water.

Stainless steel Concentrated CEMPRIME.+ 10% water

Wood: Concentrated CEMPRIME + 10% water

Watertight substrate: 50/50

Material consumption:

Concentrated CEMPRIME app. 0.1 - 0.2 kg/m² per coat.

Drying:

Air drying at maximum RH of 85 %.

Package:

25 litre drums.

Storage :

Frost free in closed container; 6 months.

PERFORMANCE :**Recommendations for priming****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.

Spillage:

Clean spillage with water.

LABELLING

Hazard: 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 +6°C.

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

Do not add other products.