Cemflow Primer

High quality water based styrene acrylic copolymer emulsion for priming and sealing concrete and masonry substrates

DESCRIPTION

Cemflow Primer is a high quality clear, water-base styrene acrylic copolymer emulsion designed to seal interior and exterior concrete floors and masonry surfaces. Cemflow Primer is suitable for brush, roll, or spray application, to bond fresh concrete and cementious systems to hardened concrete and masonry substrates.

APPLICATIONS

Cemflow Primer is used as sealer/primer for new and old concrete and masonry substrates.

The product is ideal for use as sealer/primer under cementitious flooring systems in warehouses, garages, workshops, food processing plants, production plants, showrooms, etc.

ADVANTAGES

- One component, easy to use.
- High bond strength provides excellent adhesion on concrete and masonry substrates.
- Excellent flexibility.
- Excellent water resistance.
- Water based; moisture tolerant.
- Low VOC; complies with LEED requirements.

METHOD OF USE

SUBSTRATE PREPARATION

The substrate should be sound, dry, fully cured (not subject to shrinkage) and free from oil, grease, dust and other contaminants. Any laitance or surface treatment materials must be removed by mechanical means such as grit blasting.

APPLICATION

Apply Cemflow Primer diluted with 3 parts of potable water with a low pressure spray to the prepared surfaces; Brush and roller can be used for small areas. Apply 2 coats of Cemflow Primer; The second coat should be applied at a right angle to the first coat.

The second coat may be applied as soon as the first coat has initially dried. Drying time will depend on the substrate and the ambient conditions. If the over coating time is exceeded the first coat must be abraded with sand paper prior to the application of the second coat.

Adequate ventilation must be provided to ensure that necessary drying and curing of the material is achieved.

TECHNICAL PROPERTIES @ 25°C:

Colour:	Clear when dry
Density:	1.03 ± 0.03 g/cm^3
Solid content:	50 ± 2%
Minimum time between coats:	2 hr @ 20°C
Application temperature:	5 to 35°C
Drying time:	1:30 hr, depends on substrate porosity
VOC: ASTM D2369	< 30 g/ltr (Complies with LEED)

LIMITATIONS

- Cemflow Primer should not be applied at temperatures below 0ºC.
- Do not apply if rain is expected within 8 hours.
- Do not apply to surfaces treated with curing compounds.

CLEANING

Tools and equipment can be cleaned with water when product is still wet. Hardened materials should be cleaned mechanically.

PACKAGING

Cemflow Primer is available in 1, 5 and 25 litre packs.

COVERAGE

The coverage rate is 16 - 17 m^2/kg per coat to achieve dry film thickness of approximately 25 microns per coat.

STORAGE

Store in a dry area out of direct sunlight at temperatures between 5°C and 25°C.

SHELF LIFE

Cemflow Primer has a shelf life of 6 months from date of manufacture if stored in dry conditions in original unopened packs.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

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CAUTIONS

HEALTH AND SAFETY

As with all acrylic paints, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

FIRE

Cemflow Primer is water based and nonflammable.

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- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.