

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, water-based styrene acrylic copolymer emulsion formulated to seal interior and exterior concrete and masonry surfaces, providing strong adhesion between fresh cementitious systems and hardened substrates.

APPLICATIONS

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

Typical applications include:

- » Warehouses.
- » Garages.
- » Workshops.
- » Food processing plants.
- » Production plants.
- » Showrooms.

ADVANTAGES

- » One component, easy to apply.
- » High bond strength 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

Substrates must be sound, dry, fully cured, and free of oil, grease, dust, laitance, surface treatments and other contaminants. Any laitance must be removed by mechanical means such as grit blasting.

APPLICATION

Cemflow Primer may be applied by brush, roller or spray to ensure complete surface coverage.

Cemflow Primer must be diluted with clean, potable water prior to use. For the first coat, dilute one part Cemflow Primer with five parts water and apply evenly to the substrate.

TECHNICAL PROPERTIES @ 20°C:

Colour:	White; clear when dry
Density:	1.03 ± 0.01 g/cm ³

The second coat may be applied once the first coat has dried; drying time will vary depending on the substrate and ambient conditions.

If the overcoating interval is exceeded, abrade the surface of the first coat with sandpaper before applying the second coat. The second coat should be applied using a dilution of one part Cemflow Primer to three parts water.

Adequate ventilation must be provided to achieve proper drying and curing.

REMARKS

- » Cemflow Primer should not be applied if ambient and substrate temperatures are below 10°C.
- » 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 the product is still wet. Hardened materials should be cleaned mechanically.

PACKAGING

Cemflow Primer is available in 5 and 25 litre packs.

COVERAGE

When diluted at a ratio of 1 part Cemflow Primer to 5 parts water, coverage is approximately 30 m²/litre.

When diluted at a ratio of 1 part Cemflow Primer to 3 parts water, coverage is approximately 20 m²/litre.

Note: Coverage will vary depending on substrate texture, porosity and application method.



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STORAGE

Cemflow Primer has a shelf life of 6 months from date of manufacture if stored in dry conditions at temperatures between 5°C and 25°C, in original unopened packs and under good conditions.

If these conditions are exceeded, contact DCP Technical Department for advice.

CAUTIONS

HEALTH AND SAFETY

Consult the appropriate Material Safety Data Sheet prior to using each product.

For further information, refer to the Material Safety Data Sheet.

FIRE

Cemflow Primer is nonflammable.

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- » Protective coatings.
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- » Building products.
- » Structural strengthening.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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