

# Repcoat® Primer

Silane/siloxane based hydrophobic primer



## DESCRIPTION

Repcoat Primer is a solvent based penetrating and film forming hydrophobic silane/siloxane based acrylic primer. It is used as a primer for Repcoat acrylic based protective coating.

When applied, it reacts with concrete and masonry surfaces producing a clear hydrophobic barrier that prevents the passage of water and hence protects exposed reinforced concrete structures from attack by chloride ions.

## ADVANTAGES

- » Deep penetration into substrate.
- » Very good reduction of water and chloride intrusion.
- » Breathable, allows for water vapour release.

## METHOD OF USE

### SURFACE PREPARATION

Surface must be clean, sound and free from oil, grease, curing compound, or any contamination. Any contaminants should be removed by light grit blasting surfaces containing slight surface imperfection or blowholes should be filled with a skim coat of cementitious repair mortar such as Cemfair FD.

Deep holes and defected areas should be repaired with cementitious products from DCP-Repair range.

## APPLICATION

Repcoat Primer is applied at a rate between 0.1 - 0.2 liter/m<sup>2</sup>, depending on the porosity of the substrate.

Repcoat Primer can be overcoated as soon as it becomes tack-free, this can be achieved within 1 - 2 hours, depending on ambient conditions.

## CLEANING

Tools and equipment can be cleaned with DCP-solvent when wet. Hardened materials must be cleaned mechanically.

## TECHNICAL PROPERTIES:

|                   |             |
|-------------------|-------------|
| Specific gravity: | 0.91 ± 0.05 |
| Solids content:   | 17 ± 1%     |

## PACKAGING

Repcoat primer is available in 5, 20 and 200 litre drums.

## COVERAGE

0.1 - 0.2 litre/m<sup>2</sup>, depending on the substrate porosity.

## STORAGE

Repcoat Primer should be stored under cover at an ambient temperature range of 10°C and 25°C.

## SHELF LIFE

Repcoat Primer has a shelf life of 12 months from date of manufacture if stored in proper conditions and sealed drums.

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

## CAUTIONS

### HEALTH AND SAFETY

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

Repcoat Primer is flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

*Flash point: > 36°C.*

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- » Surface treatments
- » Grouts and anchors.
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- » Flooring systems.
- » Protective coatings.
- » Sealants.
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- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

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