

Repcoat FF

Water based high performance acrylic protective and decorative coating



DESCRIPTION

Repcoat FF is a ready for use, single component, acrylic based protective and decorative fair face coating for external and internal applications over variety of concrete and masonry substrates. Repcoat FF exhibit excellent long term weathering and UV resistance.

APPLICATIONS

Repcoat FF provides excellent protective and decorative fair face coating which can be used for a wide range of applications including:

- » Retaining walls.
- » Bridge abutments.
- » External concrete of storage tanks.
- » Multistory buildings and villas.
- » Pre-cast elements and concrete cladding.
- » Commercial and Industrial complexes.

ADVANTAGES

- » Protective barrier against chloride ions, carbon dioxide and water.
- » Durable - highly resistant to UV rays and weathering.
- » Good impact resistance.
- » Available in a wide range of decorative colours.
- » Single component.
- » Colour stable.
- » Matt finish helping to hide irregularities.
- » Available in a higher viscosity grade Repcoat FF-HV.

METHOD OF USE

SURFACE PREPARATION

Surface preparation is very important to get the best performance; any surface to be coated 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 blow-holes should be filled with a skim coat of cementitious repair mortar such as Cemfair PF. Deep defected areas should be repaired with cementitious products from DCP-Repair range.

TECHNICAL PROPERTIES:

Colour:	White, grey, buff, brown & many other colours
Density:	1.35 ± 0.05 g/cm ³
Volume solid:	35 ± 5%
Solid content:	48 - 55%
Over coating time:	1:30 hr @ 35°C 2:00 hr @ 25°C
Touch dry time:	25 min
Flexibility (bend test): ISO 1519	Pass (Using 25 mm mandrel)
UV resistance: (@ 400 hr cycles) ASTM D4587	Pass
Particle size using hegman gage: ASTM D1210	32 ± 5 micron
Application temperature:	5 to 45°C
Carbonation Resistance: EN13295, 14 days (exposure to 10% CO ₂)	≥ 85% reduction in carbonation depth against control
Viscosity: ISO 2555	Repcoat FF 80 - 110 poise Repcoat FF-HV 140 - 200 poise
VOC:	< 50 g/ltr

APPLICATION

It is recommended to apply two coats of Repcoat FF at the stated rate of application.

The first coat can be diluted by up to 15% with clean water depending on the surface porosity.

The second coat can be applied within 2 hours depending on the ambient temperature. Coating can be carried out using airless spray machine, brush, or roller.

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Repcoat FF

CLEANING

Tools and equipment can be cleaned with water when product is still wet. Dried Repcoat FF can be removed with DCP Solvent.

PACKAGING

Repcoat FF is available in 5 & 18 litre drums.

COVERAGE

0.23 - 0.29 litre/m²/coat to give between 80 - 100 micron DFT.

STORAGE

Repcoat FF should be stored under cover at a minimum ambient temperature of 5°C.

SHELF LIFE

Repcoat FF has a shelf life of 18 months from date of manufacture if stored in proper conditions and sealed drums.

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

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

Repcoat FF is nonflammable.
DCP Solvent is flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

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MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

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



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.