

Repcoat FF Ultra

High performance, water based, 100 % pure acrylic protective and decorative coating



DESCRIPTION

Repcoat FF Ultra is a ready for use, single component, 100% pure acrylic based coating for external and internal applications over variety of concrete and masonry substrates.

Repcoat FF Ultra provides a smooth protective and decorative coating for concrete and other masonry surfaces. It exhibits excellent long term weathering, UV and carbontation resistance.

APPLICATIONS

Repcoat FF Ultra 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.
- » Where a tough and durable external coating is required.

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.
- » 100% pure acrylic coating, exhibits excellent durability.

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

TECHNICAL PROPERTIES:

Colour:	White, grey, buff, brown & other colours
Density:	1.40 ± 0.05 g/cm ³
Volume solid:	40 - 44%
Solid content:	55 - 60%
Over coating time:	1.5 hr @ 35°C 2 hr @ 25°C
Touch dry time:	25 min
UV resistance: (4 hr UV light @ 60°C, 4 hr condensation @ 50°C) ASTM D4587	Pass @ 500 hr
Permeability to water vapour: EN ISO 7783-2	Class 1 (Pass)
Application temperature:	5 to 45°C
Carbonation Resistance: EN 13295, 14 days (exposure to 10% CO ₂)	≥ 85% reduction in carbonation depth against control
VOC:	< 50 g/ltr

TECHNICAL PROPERTIES JS 989-2012:

Condition in the pack:	Ready for use; free from flaking, rotting and solid lumps; easy to mix by hand stirring
General appearance:	No sagging or signs of cracking when applied on vertical substrate at 800 microns WFT
Flexibility – Bend test: ISO 1519	Pass, no cracking or debonding (using 25 mm Mandrel) when tested at 800 microns WFT
Surface integrity:	No film defects or signs of cracking when tested at 200 microns WFT
Impact resistance: 1 kg weight, 7 cm height, 200 microns WFT ISO 6272	Pass
Water permeability: EN 1062-11	Pass





Repcoat FF Ultra

APPLICATION

It is recommended to apply two coats of Repcoat FF Ultra 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.

CLEANING

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

PACKAGING

Repcoat FF Ultra is available in 5 and 18 litre drums.

COVERAGE

5.5 - 6.5 m²/ltr per coat for a dry film thickness of 60 - 70 microns.

STORAGE

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

SHELF LIFE

Repcoat FF Ultra 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

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

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.

Don Construction Products / Jordan

Ma'adaba, Jordan

info.jordan@dcp-int.com

www.dcp-int.com

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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