

# REPCOAT FF

Water based high performance acrylic protective and decorative coating



TECHNICAL DATA SHEET PUBLISHED JUL 2021

## PRODUCT FEATURES

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

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.

## MATERIALS SUPPLIED

20 ltr drums.

## SHELF LIFE

12 months in original unopened, undamaged, sealed containers and stored under good condition.

## COVERAGE

0.18 - 0.22 ltr/m<sup>2</sup>/coat to give between 80 - 100 micron DFT.

## APPLICATION INSTRUCTIONS

### 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 INFORMATION

BS EN 1504-2	
Permeability to water vapor	< 0.1 kg/ m <sup>2</sup> .h <sup>0.5</sup>
Water vapor permeability S <sub>d</sub>	Class II
Carbon dioxide CO <sub>2</sub> permeability	> 50 m
Adhesion strength by pull-off test (N/mm <sup>2</sup> )	≥ 0.8
Adhesion after ageing (N/mm <sup>2</sup> ) 7 Days	≥ 0.8 @ 70°C
Thermal cycling without de-icing salt impact (N/mm <sup>2</sup> )	≥ 2.0
Resistance to thermal shock (N/mm <sup>2</sup> )	≥ 1.5 @ 70°C
Crack bridging ability @ 0°C, 10°C & -10°C	Class A2
Volatile organic compounds (VOC)	≤ 10 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.

## CLEANING

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



## HEALTH & 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. Please refer to the relevant Health and Safety Data Sheet for detailed information.

Repcoat FF is nonflammable.

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

## GENERAL GUIDANCE

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Services Department.



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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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