

Repcoat EW100

Water based acrylic protective and decorative coating with good hiding power



Description

Repcoat EW100 is a ready for use, single component, acrylic based coating for external and internal applications over variety of concrete and masonry substrates. Repcoat EW100 exhibit excellent long term weathering and UV resistance.

Applications

Repcoat EW100 provides excellent protective and decorative fair face coating which can be used for a wide range of applications including:

- ▲ Retaining walls.
- ▲ Bridge abutments.
- ▲ Multistory buildings and villas.
- ▲ Pre-cast elements and concrete cladding.
- ▲ Commercial and Industrial complexes.

Advantages

- ▲ Good hiding power protective paint.
- ▲ Protective barrier against chloride ions and water.
- ▲ Durable - good resistant to UV rays and weathering.
- ▲ Single component.
- ▲ Colour stable.
- ▲ Matt finish helping to hide irregularities.

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
Solid content:	50 – 55%
Over coating time:	1:30 hr @ 35°C 2:00 hr @ 25°C
Touch dry time:	20 - 25 min
Application temperature:	5 to 45°C
Flexibility (bend test): ISO 1519	Pass (using 25 mm mandrel)
UV resistance: (@ 400 hr cycles) ASTM D4587	Pass

Application

It is recommended to apply two coats of Repcoat EW100 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 EW100 can be removed with DCP Solvent.

Packaging

Repcoat EW100 is available in 20 kg drums.

Coverage

0.25 - 0.35 kg/m²/coat.

Storage

Repcoat EW100 should be stored under cover at a minimum ambient temperature of 5°C.

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Shelf Life

Repcoat EW100 has a shelf life of 12 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 EW100 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.

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.

