

Technical Datasheet



RenoCoat 400

Acrylic Polymer
Cementitious Coating
(APCC)

Technical Data (25°)

Adhesion Bond Strength

@ 28 day $\geq 1.0 \text{ N/mm}^2$

Compressive Strength

@ 28 days $\geq 35 \text{ N/mm}^2$

Flexural Strength

@ 28 days $\geq 6 \text{ N/mm}^2$

Setting Time

Setting time $\leq 60 \text{ mins}$

Flowability

Flow $\leq 150 \text{ sec}$

UV Accelerated Weathering After 1000 hours

No cracking, softening or
delamination observed.

Description

RenoCoat 400 is a two-component ultrahigh performance, cement-based coating formulated with special cement and advance chemical additives. It is intended as an abrasion, skid and water resistant concrete floor topping. **RenoCoat 400** is suitable for both indoor and outdoor application.

Uses

- Levelling old and worn concrete surfaces.
- Resurface industrial floors, carparks, corridors, void decks, staircase, etc.

Advantages

- Fast setting, open to foot traffic in 2 hours.
- Self-levelling, easy to apply.
- Excellent bond to substrate.
- Water resistant.
- Good anti-skid property
- Superior abrasion resistance.



Application Instruction

Preparation

The surface to be treated should be clean, free from dust, loose particles or contamination. Prime the substrate with a suitable bonding agent. The primer should be touch dry before applying **RenoCoat 400**.

Mixing Method

Mechanical mixing is necessary. Pour the Liquid Component into a clean container, add the Powder Component slowly while mixing. Mix thoroughly until a smooth, lump free and fluid consistency is obtained. The mixture should be placed immediately within 5 – 10 minutes.

Placement

Spread **RenoCoat 400** onto the primed substrate and finish with a trowel to thickness of 3mm to 5mm.

If anti-skid finish is desired, the surface upon touch dry, may be textured with a broom.

Curing

Natural dry curing is sufficient. Where rapid drying conditions exist, such as low relative humidity, direct sunlight, or strong wind, **RenoCoat 400** surface should be protected by a polythene sheet.

Packaging

25kg Powder + 5 kg Liquid
Total : 30kg/set

Coverage

Approximately 15m² per set @ 1mm thick.

Shelf life

Stored in unopened original packaging protected from direct sunlight and moisture, shelf life is 6 months.

Handling Precautions

- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

Ver 1_JK