



CONSOL FLOOR 351 ECOCRETE

Self Smoothing Epoxy Water Based

DESCRIPTION

CONSOL FLOOR 351 ECOCRETE is a two components, solvent free, odorless, moisture tolerant epoxy water based..

RECOMMENDED FOR

CONSOL FLOOR 351 ECOCRETE is mainly used for the following applications:

- Floor topping on damp and dry substrate
- Repair and maintenance of monolithic concrete floor
- Chemical and pharmaceutical industry
- Food and beverage industry
- Automotive and aircraft servicing facilities
- Production and packaging areas
- Commercial and industrial kitchens.

BENEFITS

CONSOL FLOOR 351 ECOCRETE bring some benefits such are:

- Impact and abrasion resistant
- Chemical resistant
- Self smoothing and good flowability
- Waterbased, solvent free and odourless
- Excellent adhesion to dry, damp, green or saturated surface dry concrete
- Vapour permeable
- Can be applied to fresh and damp concrete
- Resistance to thermal shock
- Adaptable thickness

PRODUCT DATA

Form

Liquid

Appearance

White, cream, green

Packaging

Part A: 1 kg

Part B: 10 kg

Storage

Dry, shaded place. Protect from direct sunlight and frost.

Limitation

- The "matte" of the finish can vary with temperature and the absorbency of the substrate
- For exact color matching, ensure the **CONSOL FLOOR 351 ECOCRETE** in each area is applied from the same control batch number.

TECHNICAL DATA

Coverage

Primer:

- Scratch Coat = 0.9 – 1.2 kg/m²; or
- CONSOL 151 GC = 0.15 kg/m²; or
- CONSOL FLOOR 162 = 0.15 kg/m² (depend on surface condition) Self Smoothing: Consol Epoxy Concrete = ± 4 kg/m² (± 2 mm)

Pot Life (30 °C)

15 Minutes

Curing Time

Foot traffic : 1 day

Light traffic : 2 day

Full Cure

5 Days

Hardness

Shore D hardness > 80

Strength

Pull of Strength > 15 kg/cm²

INSTRUCTION FOR USE

Substrate Condition

Surfaces must be structurally sound, clean, and free from loose particles, oil, grease, and all other contaminants. The compressive strength of the substrates shall not be less than 20 N/mm², and the bond strength of the substrate must be least 1.5 N/mm².

Surface Preparation

Remove oil, grease and wax contaminants by scrubbing with industrial grade detergent or decreasing compounds followed by mechanical cleaning. Cement laitance, loose particles, mold release agents, curing mem-brane and other contaminants must be removed from the surface by shot-blasting, scarifying or grit-blasting followed by vacuum cleaning.