



TuffFloor FC 200

Solvent Free, High Build Epoxy Resin Floor Coating

2024021

DESCRIPTION

TuffFloor FC 200 is a solvent free system based on epoxy resins and curing agents specially selected for their ability to withstand chemical attack. The system consists of pre-weighed units as Part A & Part B supplied as two – component system. When laid, it provides a smooth, light reflective surface.



USAGE

TuffFloor FC 200 provides a hard wearing, chemical and abrasion resistant floor finish. It is ideally suited for use in wet areas where a high degree of resistance to chemicals, oils and grease is required such as :

- Dairies
- Soft drink production facilities
- Chemical manufacturing plants
- Work shops
- Schools
- Hospitals
- Warehouse floor
- Metal surface
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ADVANTAGE

- Solvent free – no odor during application
- Fast application – minimizes down time
- Chemically resistant – good resistant to a wide range of chemicals
- Durable, low maintenance costs
- Hygienic – provides a seamless floor surface which is easily cleaned
- Attractive – Can be made in a wide range of colors up on request.
- Specially formulated for use in Middle East condition

SPECIFICATION COMPLIANCE

- ASTM D 4138-88.
- ASTM C 267-01

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PHYSICAL & MECHANICAL PROPERTIES

Property	Typical Results
Density	1400kg/m ³
Dry Film thickness	300microns
Chemical resistance	Excellent
Color	Grey

APPLICATION INSTRUCTIONS

Surface Preparation: Ensure the concrete foundation surface is dimensionally stable and free of dirt, dust, oil, laitance, paint, curing compounds etc. Bolt holes and fixing pockets should be free from any dirt or debris. If possible, a roughened surface is preferable to smooth surfaces. Metal surfaces must be free from rust, loose scaling and paint. Shuttering should be covered with polyethylene to ensure a clean release.

Priming: All surfaces should be primed with TufBond MP designed for maximum absorption and adhesion to concrete substrates.

Mixing: Do not commence mixing until all surface preparation, cleaning and shuttering is complete. TuffFloor FC 200 is supplied in pre – weighed units as Part A & Part B. Add Part B to Part A in a suitable forced action mixer; alternatively use a slow speed drill and paddle. Continue mixing until a completely homogenous material is obtained.

Placing: Ensure that sufficient mixed material is available to complete the work and achieve a continuous filling operation. The first coat of TuffFloor FC 200 should be applied using a good quality medium haired pile roller, suitable for epoxy application, or squeegee to achieve a continuous coating. Ensure that loose hairs on the roller are removed before use. Care should be taken to ensure that a continuous film is achieved.



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COVERAGE

12.5m² per pack for two coats

STORAGE

TuffFloor FC 200 has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.



PACKAGING

5 liters pack.

HEALTH & SAFETY

TuffFloor FC 200 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

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