



TuffFloor FC 200

Solvent Free, High Build Epoxy Resin Floor Coating

Uses

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
- Car parks and Work shops
- Schools
- Hospitals

Typical Applications & Advantages

- 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

Standards Compliance

TuffFloor FC 200 complies with the requirements of the following standards:
ASTM D 4138-88.
ASTM C 267-01

Product 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. It can be made available in a range of standard colors on request.

Typical Properties

Density	: 1400kg/m ³
Dry Film thickness	: 300microns
Chemical resistance	: Excellent

Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

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.

Equipment Care

Clean all equipment promptly using GIC Solvent No.1. Cured material will have to be mechanically removed.

Packaging & Storage

TuffFloor FC 200 is available in factory, pre-weighed units of 5 liters. It has a minimum shelf





TufBond

life of 12 months provided it is stored under cover, out of direct sunlight.

Coverage

Coverage depends on surface undulations, ambient conditions, application, techniques, etc. Typically a coverage rate of 5m²/litre is possible.

Health & Safety Precautions

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.

For further information refer to the Material Safety Data Sheet available for this product.

Important note

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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