

## OVERVIEW

Terraroc FC is a finish coat rendering compound designed for use to reface concrete after repair. It is used as a final coat in the Terraco concrete repair system but can also be used independently as a thin coat render on concrete with thickness of 0.5 to 3mm. Terraroc FC is suitable for use over both interior and exterior concrete surfaces.

## PROPERTIES

Terraroc FC is a blend of special cements, graded fillers, polymers and water retaining additives with the following properties:

- Ready to use
- Attractive smooth finish
- Excellent adhesion

## AREAS OF USE

Terraroc FC is designed for use as a final coat in the Terraco concrete repair system in order to produce a smooth surface suitable for final decoration. It can also be used as a thin coat render for direct application on concrete for repairing fine cracks or surface defects.

## PREPARATION OF SURFACE

When completing concrete repair work, ensure that the surrounding concrete is free from oil, grease, dirt, surface contaminants and loose particles. Thoroughly soak complete substrate with water prior to application.

## MIXING

Mix Terraroc FC with the recommended water with a mechanical mixer or handheld agitator for 3-5 minutes. Allow to stand for 5 minutes, re-stir and use (8.25 to 8.75 ltr water/25 kg Terraroc FC- depending on thickness of application).

## APPLICATION & CLEANING OF TOOLS

Terraroc FC is applied by spray and levelled with a steel float. Smooth finishing is achieved with a wooden foam or float when Terraroc FC has set, moistening the float during use and brushing off loose particles with a soft brush afterwards.

Clean tools and equipment with water after use.

## CURING

It is advisable to keep the surface moist during the first 48 hours to ensure proper curing.

## HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

## PACKAGING & STORAGE

Terraroc FC is packed in 25kg valve craft bags.

Product should be stored in a clean, dry area, protected from direct sunlight and extreme heat or cold. Pallets may be stacked two high if care is taken. Opened sacks should be used first. Unopened sacks can be stored for 12 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

## TECHNICAL DATA

<b>Product</b>	Finish coat render for concrete repair system.
<b>Binder</b>	Hydraulic / organic.
<b>Flexural Strength</b>	≥ 5 N/mm <sup>2</sup>
<b>Compressive Strength</b>	≥ 20 N/mm <sup>2</sup>
<b>Tensile Adhesion Strength</b>	≥ 1 N/mm <sup>2</sup>
<b>Colors</b>	Grey and white
<b>Set Time</b>	1 – 2 hours
<b>Compressive Strength</b>	>20 N/mm <sup>2</sup> (EN 1015-11)
<b>Flexural Strength</b>	>5 N/mm <sup>2</sup> (EN 1015-11)
<b>Tensile Strength</b>	>1 N/mm <sup>2</sup> (EN 1015-11)
<b>Water Demand</b>	33% to 35% (8.25 to 8.75 ltr water / 25kg Terraroc FC).
<b>Application Thickness</b>	0.5 – 3.0 mm
<b>Yield</b>	25 kg powder + 8.75 ltr water gives 17.5 ltr of mix
<b>Consumption Rate</b>	1.5kg/m <sup>2</sup> /mm thickness
<b>Packaging</b>	25kg valve craft bags.
<b>Storage</b>	12 months in original unopened bag.

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