

### OVERVIEW

Terracoat Flex Granule is a ready-mixed new generation masonry coating, which tackles all the major problems associated with the protection and decoration of exterior concrete and masonry. Terracoat Flex Granule adheres to most exterior and interior surfaces including plywood, chipboard, anti-rust primed steel, gypsum dry wall, sand/cement render and concrete. Terracoat Flex Granule is designed to withstand the problems associated with very wide temperature variations and extreme climatic conditions.

### PRODUCT GRADES/CODES

Granule 1MM	61424
Granule 2MM	61484

### PROPERTIES

Terracoat Flex Granule is formulated on advanced technology elastomers, which exhibit a self crosslinking mechanism at the surface of the coating, preventing film tack and dirt pick up during hot weather, a defect generic to most traditional type flexible coatings.

Advantages exhibited by these coatings are:-

- Long life durability, these coatings exhibit excellent resistance to long term exposure to ultra violet light.
- Long life flexibility over a wide range of temperatures

The flexibility of Terracoat Flex Granule does not change substantially with time and performs excellently over a temperature range from -20oC to +50oC.

- Anti-Carbonation coating

Terracoat Flex Granule blocks the passage of CO2 gas into the concrete thus preventing concrete carbonation and ultimately concrete spalling.

- Dirt pick-up resistance

The advanced technology of the base elastomers in Terracoat Flex Granule enact a surface crosslinking mechanism on exposure to UV light which minimise surface tack and dirt pick-up.

- Crack bridging

Terracoat Flex Granule has excellent elongation and high tensile strength and can thus perform effectively as a crack-bridging coating i.e. the coating can bridge cracks of 1mm.

Terracoat Flex Granule is a trowel applied texture giving a granular finish available in 2 grain sizes.

### AREA OF USE

- Decoration and Protection of exterior masonry and concrete.
- As a high build remedial coating where cracks already exist.
- As a crack preventative coating in areas where cracks may be expected to occur.
- As a renovation coating for EIFS systems.

### PREPARATION OF SURFACE

**New surfaces:** Ensure that all dust, dirt and foreign matter are scraped and brushed away. Also ensure the surfaces are free from salts, oil, grease and ridges. Protect all adjacent surfaces not to be covered. All cracks, chips, voids and damages should be repaired with Terraco Handycoat Exterior.

**Old surfaces:** Before applying to old surfaces, ensure the substrate is firm. First wash down the surface with a sugar soap solution, rinse and allow to dry before repairing or applying the primer.

### PRIMING

Prime surfaces with a coat of Penetrating Primer prior to application of Terracoat Flex Granule

### APPLICATION & CLEANING OF TOOLS

Trowel application is done using a steel trowel to lay on the material and a wetted plastic trowel is used to pattern the surface.

In no circumstance should the product be diluted with water as it is supplied in a ready to use form.

Tools may be cleaned with water. To remove any stubborn traces of product the use of very hot water is recommended.

### HEALTH & SAFETY

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

### PACKAGING AND STORAGE

Terracoat Flex Granule is supplied in 25kg drums.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use oldest material first.

### TECHNICAL DATA

<b>Product</b>	Trowel applied textured coating.
<b>Volume Solids</b>	60-65%
<b>Finish</b>	Available in Smooth, Superfine and Granule.
<b>Colours</b>	50 standard colours.
<b>SG</b>	1.65
<b>Viscosity</b>	35,000-45,000cps
<b>Material Consumption</b>	Terracoat Flex Granule 1mm : 2.5-3.0 kg/m <sup>2</sup> Terracoat Flex Granule 2mm : 3.5-4.5 kg/m <sup>2</sup>
<b>Application Method</b>	Trowel
<b>Packaging</b>	25kg drums.
<b>Storage</b>	12 months in original unopened containers.

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.

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