

OVERVIEW

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

PRODUCT GRADES/CODES

G	61315
BT	61462
Smooth	61324
Superfine	61333
Fine	61344
Normal	61356
Decor	61374
Coarse	61384
Suede	61465

PROPERTIES

Terracoat Flex Coatings are 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 does not change substantially with time and performs excellently over a temperature range from -20°C to +50°C.

- Anti-Carbonation coating

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

- Breathability

Terracoat Flex allows the structure to breath by allowing the passage of water vapour through the coating thus eliminating possibility of trapped moisture remaining in the concrete.

- Dirt pick-up resistance

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

- Crack bridging

Terracoat Flex 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 G

Terracoat Flex G is a low build roller applied lightly grained textured coating. Consumption rates are low making it a very economical finish.

Terracoat Flex BT

Terracoat Flex BT is a low build roller applied textured coating. It is finished using a long-haired brush to give a striated lined finish.

Terracoat Flex Smooth

Terracoat Flex Smooth is a low build roller applied lightly textured coating. Consumption rates are low making it a very economical finish.

Terracoat Flex Superfine

Terracoat Flex Superfine is a roller/spray applied texture which can be used in a wide range of finishes depending on the application method and material consumption. Finishes vary from fine spray to roller stucco.

Terracoat Flex Fine

Terracoat Flex Fine is a low to medium build pattern applied by spray or roller.

Terracoat Flex Normal/Standard

Terracoat Flex Normal is a medium build textured finish applied by spray. A medium build spray pattern is the most popular finish.

Terracoat Flex Decor

Terracoat Flex Decor is a high build textured finish applied by decorative roller or hopper gun. The most popular finishes are roller stucco and coarse spray pattern.

Terracoat Flex Coarse

Terracoat Flex Coarse is a coarse grained textured coating applied by spray.

Terracoat Flex Suede

Terracoat Flex Suede is a medium build trowel applied finish. It is finished using a plastic trowel to give a suede effect finish.

Terracoat Flex BT

Terracoat Flex BT is a low build roller applied textured coating. It is finished using a long-haired brush to give a striated lined finish.

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.

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

All surfaces should be primed using TERRACO Penetrating Primer applied by roller and allowed to dry for 1-2 hours.

APPLICATION & CLEANING OF TOOLS

Spray application is done using a hopper gun and compressor, ensuring to mask off areas not requiring coating.

Roller application is done using a series of decorative rollers to achieve different textures.

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 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.

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

Product	Pure acrylic.
Volume Solids	60-65%
Finish	Available in Smooth, Superfine and Granule.
Colours	50 standard colours.
Packaging	25kg drums.
Storage	12 months in original unopened containers.

Grade	Specific Gravity	Viscosity ('000 cps.)	Material consumption (Kg / m ²)	Application method	Pack sizes (Kg.)
G	1.65	50-60	0.5-0.6	Roller	25
BT	1.55	12-18	0.6-0.8	Roller, Brush	25
Smooth	1.65	45-55	0,6-0,9	Roller	25
Superfine	1.45	45-55	0,6-3,5	Spray, Roller	25
Fine	1.65	50-60	1.0-1.2	Spray, Roller	25
Normal/Standard	1.65	50-60	1.5-2.0	Spray	25
Decor	1.65	55-65	2.5-3.5	Spray, Roller	25
Coarse	1.65	30-40	2.0-3.0	Spray	25
Suede	1.75	40-60	1.5-2.0	Trowel	25

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