

OVERVIEW

Terraco Sil is a range of ready-mixed, acrylic/silicone resin bound, textured coatings. It provides the unique combination of a quality architectural finish with outstanding economy through ease of application, a low material consumption rate and surface durability characterised by outstanding water repellence. Terracoat Sil adheres to most exterior and interior surfaces including plywood, chipboard, anti-rust primed steel, gypsum and dry wall. Terracoat Sil has been developed for use in areas of extreme climatic conditions such as the tropics, where high humidity is prevalent. Terracoat Sil has enhanced water vapour permeability, mould resistance and has excellent dirt pick-up resistance.

PRODUCT GRADES/CODES

Excel 1mm	61468
Excel 2mm	61413
Excel 3mm	61472
Granule 1mm	61423
Granule 2mm	61482
Sahara 1mm	61653
Sahara 2mm	61616

PROPERTIES

Terracoat Sil is formulated from crushed and precisely graded fillers, a combination of acrylic and silicone resin binders and additives which gives it elastic properties, outstanding water repellence, water resistance and water vapour permeability, long life and durability against colour fading and pollution. Terracoat Sil is manufactured in a range of 50 colours. Grades are as follows:

Terracoat Sil Excel

Terracoat Sil Excel is a trowel applied texture giving an alpine scratch finish. Terracoat Sil Excel is specifically designed for application in E.I.F.S. systems as well as for use on conventional masonry substrates. Available in 3 grain sizes.

Terracoat Sil Granule

Terracoat Sil Granule is a trowel applied texture giving a granular finish with various grain sizes. Can also be applied by spray. Terracoat Sil Granule is specifically designed for application in EIFS systems as well as for use on conventional masonry substrates. Available in 2 grain sizes.

Terracoat Sil Sahara

Terracoat Sil Sahara is a trowel applied texture giving a filled granular finish. Available in 2 grain sizes.

AREA OF USE

Terracoat Sil is designed for use as the finish in the Terraco EIFS system. The coating performs equally well on interior surfaces of gypsum dry wall and chipboard and is widely used as a decorative ceiling and wall finish.

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 an appropriate filler

Old surfaces: Before applying Terracoat Textured Coating to old surfaces, ensure the substrate is firm. First wash down the surface with a soda / water solution, rinse and allow to dry before repairing or applying the first coat.

PRIMING

Absorbent surfaces such as uncoated concrete and masonry should be primed with TERRACO Silprime. For previously painted surfaces P Primer should be used.

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.

Clean tools and equipment with water after use.

HEALTH & SAFETY

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

PACKAGING & STORAGE

Terraco Sil is supplied in 25kg plastic pails.

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

Product	Acrylic/silicone resin based textured coating.
Binder	Acrylic and silicone resins.
Thinning	Water if required.
Drying Time	3 - 4 hours.
Liquid Water Transmission Note (W24-Volume)	<0.15 kg/m ² h ^{0.5}
Water Vapour Permeability (Sd-value)	<0.10m
Adhesion	>2.0 N/mm ²
Flame Spread	Class 0 ASTM E84-81H
Colours	50 standard colours.
Storage	12 months in original unopened containers.

Grade	Specific Gravity	Viscosity ('000 cps.)	Material consumption (Kg / m ²)	Application method	Pack sizes (Kg.)
Excel 1mm	1.70	35-45	1.5-2.0	Trowel	25
Excel 2mm	1.70	35-45	2.5-3.0	Trowel	25
Excel 3mm	1.70	35-45	3.5-4.5	Trowel	25
Granule 1mm	1.65	35-45	2.5-3.0	Trowel	25
Granule 2mm	1.65	35-45	3.5-4.5	Trowel	25
Sahara 1mm	1.65	35-45	2.5-3.0	Trowel	25
Sahara 2mm	1.65	35-45	3.5-4.5	Trowel	25

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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