

### 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. Overcoating by silicone based or conventional overcoats when required is perfectly acceptable. Terracoat Sil has enhanced water vapour permeability, mould resistance and has excellent dirt pick-up resistance.

### PRODUCT GRADES/CODES

<b>G</b>	61313
<b>BT</b>	61461
<b>Smooth</b>	61323
<b>Superfine</b>	61334
<b>Fine</b>	61343
<b>Normal/Standard</b>	61353
<b>Decor</b>	61373
<b>Coarse</b>	61383
<b>Suede</b>	61464

### 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 G

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

#### Terracoat Sil BT

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

#### Terracoat Sil Smooth

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

#### Terracoat Sil Superfine

Terracoat Sil 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 Sil Fine

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

#### Terracoat Sil Normal/Standard

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

#### Terracoat Sil Decor

Terracoat Sil 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 Sil Coarse

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

#### Terracoat Sil Suede

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

### AREA OF USE

Terracoat Sil is primarily designed for exterior facades and surfaces of buildings such as commercial and industrial complexes, office projects, factories, hospitals and housing developments. It gives a decorative finish to fairfaced concrete walls, pillars, columns, etc.

Terracoat Sil can be used on surfaces of concrete, cement, rendering, lightweight concrete, fairfaced stonework, brickwork, blockwork, plywood, antirust primed steel and galvanised steel. The coating performs equally well on interior surfaces of gypsum dry wall and chipboard.

### 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

By brush, roller or spray. Ensure areas not requiring coating are masked if spraying. Roller application is done using a series of decorative rollers to achieve different textures.

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.

Grade	Specific Gravity	Viscosity ('000 cps.)	Material consumption (Kg / m <sup>2</sup> )	Application method	Pack sizes (Kg.)
G	1.65	50-60	0,5-0,6	Roller, Brush	25
BT	1.65	15-25	0.6-0.8	Roller, Brush	25
Smooth	1.65	55-65	0,6-0,9	Roller	25
Superfine	1.65	50-60	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	1.80	40-60	1.5-2.0	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.

### TECHNICAL DATA

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

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