

OVERVIEW

Terraco Silshield is a high quality exterior masonry paint based on silicone polymers which provide the coating with excellent dirt pick-up resistance, breathability and water repellence. Terraco Silshield has excellent breathability which ensures long-life durability. Terraco Silshield has a matt finish and is available in a standard range of 50 colours.

PROPERTIES

Terraco Silshield is based on silane-siloxane polymers which provide the coating with the following unique properties:

- High water vapour transmission
- Excellent breathability
- Excellent dirt pick-up resistance
- Distinctive water beading effect
- Combined with specially graded filler, ensures film integrity over textured surfaces
- Excellent exterior durability
- Excellent coverage
- Low material consumption
- Mould resistant
- Extra long life

AREAS OF USE

TERRACO Silshield is used as an alternative to exterior masonry paint where high performance is required.

Terraco Silshield is used as a top coating system for textured surfaces to minimise the dirt pick-up problems normally associated with open pore textures.

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 Acrylic Filler.

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

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

When applying to old painted surfaces, first wash down with a soda/water solution, rinse and allow to dry before either patching or painting. Very porous substrates should be filled and may require a diluted first coat. Apply the paint by brush, roller or spray. The application should be continuous in order to avoid dry edges; therefore plan the application work accordingly. One or two coats is normally enough to give full coverage at a consumption rate of 0.3-0.4kg/m².

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

Product is supplied in 5kg and 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.

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	Exterior silicone based emulsion paint.
Binder	Silane/siloxane.
Pigments	Lime and light-fast. Weather and pollution-resistant.
Additives	Bactericides, anti-corrosion, anti-foam agents, etc.
Viscosity	10,000cps
Specific Weight	55% by weight
Solid Content	55% ± 3%
pH Value	8-9
Water Vapour Permeability (wet cup) sd. Value (m)	0.08
Liquid Water Transmission Rate W24-Value (kg/m²/h 0.5)	0.08
Adhesion Strength (N/mm²)	2.0
Wet Scrubs	>10,000
Application Method	Spray (airless or conventional), brush or roller.
Material Consumption	0.3-0.4kg/m ²
Finish	Matt.
Colours	According to <i>TERRACO</i> colour charts. Any special colours can be matched on request.
Packaging	5kg and 25kg plastic pails.
Storage	12 months in original unopened containers.

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