

OVERVIEW

Tileshield HS Sil is a water-borne high strength Silicone modified roof tile coating specially formulated for factory application on concrete roof tiles. It provides a long life protection and decoration with exceptional water and weather resistance properties. Tileshield HS Sil has excellent exterior durability properties and will not peel even under the most extreme climatic conditions. Tileshield HS Sil provides excellent protection against lichen, moss and mould. Tileshield HS Sil provides a medium gloss sheen and is available in a range of attractive fade resistant colours.

PROPERTIES

Tileshield HS Sil is based on pure acrylic resins, light fast pigments and adhesion promoting additives. The coating has following properties:

- Excellent adhesion to substrate
- Excellent UV resistance
- Excellent weather resistance
- Exceptional water resistance
- Easy to apply, quick drying
- Excellent colour retention
- Resistant to lichen, moss and mould
- Tough scratch resistant finish

AREAS OF USE

Tileshield HS Sil is designed for application on concrete and cement based roof tiles. It is designed for use on production lines with or without oven drying facilities.

PREPARATION OF SURFACE

Ensure that all dust, dirt and foreign matter is brushed away. Also ensure that the surface is free from salt, oil, grease and dust.

PRIMING

Prime surface with a coat of Penetrating Primer prior to application of Tileshield HS Sil. Alternatively a dilute (50:50 with water) coat of Tileshield HS Sil can be used as a primer.

APPLICATION & CLEANING OF TOOLS

Tileshield HS Sil can be applied by brush, roller or spray in a two coat application. Allow first coat to dry for 2 to 4 hours before applying second coat.

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

Tileshield HS Sil is supplied in 20kg 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	Silicone modified acrylic roof tile coating.
Binder	Acrylic / Silane
Pigments	Lime and light fast.
Gloss	Mid sheen coating.
Drying Time	2 to 4 hours.
Viscosity	8,000cps
Specific Gravity	1.15
pH Value	8-8.5
Consumption	150-250 grs/m ² /coat.
Packaging	20kg plastic pails.
Storage	12 months in original unopened containers.

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