

Technical Data Sheet

CoolTop™

Product code: SPC 32309-C

Definition

CoolTop™ is a water-based coating designed for thermal protection of buildings.

Composition

CoolTop™ is a solvent free, water dilutable coating for exterior use, based on a combination of raw materials with a high degree of absorption and reflection, together with a hybrid binder system.

CoolTrack can above all be characterised through the following features and benefits:

- Remarkable thermal insulation through reflection and absorption
- Very good adhesion on a wide range of substrates
- Rapid drying
- Very good corrosion resistance
- Flexible coating application
- Satin, smooth surface minimises absorption of dust and dirt and permits easy cleaning with water.
- Long durability
- Easy application with airless spraying gun
- Solvent free (< 10 g/L VOC)
- Environmental product in tune with nature and health

Use

CoolTop™ is based on the **SeraBlock** technology which has been exclusive developed by SeraPlus. The coating offers remarkable thermal protection through a combination of IR absorption and UV reflection. Special raw materials with a very large interior surface and a high degree of reflection constitute the backbone of this technology. **CoolTop™** has been especially developed for the protection of buildings against excessive heat during warm seasons. **CoolTop™** can be applied on a wide range of coherent substrates and in particular on metals and mineral based surfaces. The coating is applied directly on the substrate after adequate cleaning and preparation. Initial priming with **CoolPrim™** is recommended, in order to reinforce the adhesion properties. **CoolTop™** can be applied in various thicknesses, depending on the needs and special additives offer a very good corrosion protection. The smooth surface with satin appearance allows easy cleaning with water in order to preserve the thermal insulation capacity over time. The coating application remains flexible, even at higher thicknesses, which helps to avoid cracks and splitting during periods of strong temperature variations.

Application

With roller, brush or airless spray

Dilution

With roller or brush: ready-to-use – airless: maximum 5 % with water

Application temperature

Above 5 °C

Shelf life

At least 1 year in closed original containers. Protect against frost!

Consumption

Approximately 1.5-2.0 m²/L

Specifications

| Parameter | Value | Remark |
|-------------------------------------|------------------------|-------------------|
| Solid content | 60 % | Average by weight |
| Specific gravity | 0.75 g/cm ³ | Average value |
| Viscosity Brookfield (Sp 6) 100 RPM | 7'000 mPas | Average value |
| VOC | < 10 g/L | |
| Drying time | | |
| Dust free | After 1 hours at 20°C | |
| Second coat | After 4-6 hours | |
| Complete hardening | After 48 hours | |

Note : The information offered in this data sheet has been given with the best intention and it is based on extensive experience together with research & development. It must however be pointed out that that any data included is provided without any liability on our behalf

TDS CoolTop-E-30.06.2022 Rev. 2/PJ