

Technical Data Sheet – Liscio Concrete Top Coat

Technical characteristics

LISCIO CONCRETE TOP COAT is a vapour permeable wall & floor coating based on Natural Minerals putty, and is ideal for recreating an ancient style of decoration, the so called "marble effect". The use of LISCIO CONCRETE TOP COAT guarantees maximum vapour permeability and aids the natural diffusion of humidity through the wall/floor & it creates film formation on the walls, therefore avoiding the formation, over time, of mold and bacteria. The product has a low odor level, is non-flammable and is friendly to both humans and the environment.

Ideal use

Decoration of internal & external walls and floor surfaces.

Surface preparation

Clean the internal surface with water or damped cloth to be decorated, removing all loose particle if any on external wall with Spray Jet with Water if required.

Application method

To achieve the perfect finish, apply the product in three coats using a steel trowel by LISCIO.

- First coat: Apply the first coat of LISCIO CONCRETE TOP COAT in such a way as to perfectly smooth over the surface. Wait for 6 ÷ 8 hours until dry. If required use fiberglass mesh for base preparation.
- Second coat: Apply a very fine layer of product so as to render the surface perfectly smooth but matt. Wait 6 ÷ 8 hours until dry.
- Final coat: apply a thin layer of product smoothing it at the same time onto the surface with the blade of the trowel. Depending on the tool utilised and the intensity of the application, it is possible to achieve a matt, satin or gloss finish.
- You can also modify the application method to achieve different innovative design & pattern with applying Liscio Color Wash to give shading of rustic color wash to beauty surface or advised by our technical team.

Finish

To enhance the gloss effect and protect it, apply after 6 ÷ 8 hours CERA COAT by LISCIO.
In order to obtain a higher level of water resistance and wash ability if required, apply after 4 ÷ 5 days LISCIO CLEAR COAT / Liscio Wet look or Dry look sealer.

Technical characteristics Application

- Dilution: Ready to use
- Yield: 1,1 ÷ 1,7 m²/kg
- Application tools: Stainless steel trowel
- Fixative: Surface to be clean with damped cloth or Clean Water.
- Base coat: LISCIO CONCRETE TOP COAT with CERA or Liscio wet or dry look sealer
- Protective coat: LISCIO CLEAR COAT
- Application temperature: +10°C ÷ +36°C (with relative humidity not exceeding 80%)
- Drying time touch dry: 1 hour (temperature = 20°C with relative humidity at 75%)
- Drying time fully cured: 20 ÷ 24 days (temperature = 20°C with relative humidity at 75%)
- Tools cleaning: water

The product

- Composition: Minerals & additives, colored soil and iron oxide based inorganic pigments.
- Specific weight: 1,5 kg/l +/- 3%
- pH: 12 ÷ 13
- Viscosity: 60.000 ÷ 80.000 CPS Brookfield (RVT 20 revs/min. a 25°C)
- Storage temperature: +2°C ÷ +36°C. (Keep from freezing)
- Permeability to water vapour Sd: 0,05 m (max allowed limit 2 m, DIN 52 615)
- Emission limits of Classification: A/l; VOC: 2% within Permissible Limit (max)
- Colours: Shades of the colour chart
- Packaging: Kg 5 – 30
- Warning: Avoid prolonged contact with the skin: if necessary, wash thoroughly with soap and water. If the irritation persists, consult a doctor. - Avoid contact with the eyes, in case of accidental contact; wash thoroughly with a sugar-water solution. If the irritation persists, consult a doctor.

Toxicological data

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements.

Specification

Thoroughly clean the surface, removing any loose material. Surface to be clean with damped cloth or Clean Water and wait for it to dry. Following this apply a finish of vapour permeable stucco such as LISCIO CONCRETE TOP COAT that recreates ancient decorative styles with a marble effect. For the working of the product a steel trowel must be used with the final effect imitating marble.