



## T30 SL

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### Industrial Floor Leveller

#### Product Description:

T30 SL is a rapid-hardening, cementitious, quick-drying, self-levelling floor compound designed to resurface concrete floors. T30 SL produces a high-strength and wear-resistant surface finish suitable for commercial and industrial areas including warehouse floors, parking garages, production and utility areas. T30 SL can be walked on after approximately 6 hours and subjected to traffic after 48 hours.

#### Key Features & Benefits:

- Ideal for creating wear surfaces for light industrial applications.
- Easy to install – 2 mm to 5 mm thickness in one application.
- Quick drying – Walkable in 6 hours.
- Superior flow – Fast application.
- Usage – Power mixing and manual application.
- Suitable for Residential, commercial and industrial applications.

#### Areas of Application:

T30 SL is designed for installation over dry internal and external concrete subfloors.

#### Surface Preparation:

- Concrete floors must be solid, clean and free of wax, grease, asphalt, latex compounds, curing and sealing compounds and any other surface contaminants.
- Mechanically prepare the floor using recommended preparation methods such as shot blasting, scarifying, diamond grinding, shaving or other suitable methods to provide a roughened, clean, sound, solid and open, porous surface.
- Acid etching is not an acceptable method of cleaning the subfloor. Do not use solvents or sweeping compounds.
- Subfloors must be dry and properly primed for a successful installation. Subfloor temperatures must be a minimum of 10°C.

#### Priming:

Use HYDROBLOC Unigrund-P over standard concrete floors prior to the installation of T30 SL levelling compound. Mix 1 part Unigrund-P with 1 part water and apply evenly using a push broom. Do not use paint rollers, mops, or spray.



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### Mixing Instructions:

- Add 5 litres of water to 25 kg of T30 SL.
- T30 SL reacts and harden very quickly when mixed with water. Thorough mixing in the shortest time is essential to ensure the powder and water are evenly dispersed throughout the mix to obtain a lump-free mortar. Always mix the powder into the water. Concrete mixers and hand mixing are not suitable methods.
- The most efficient method of mixing is by using a mixing paddle and a heavy-duty electric drill (650 rpm).
- The normal mixing time of a 25 kg bag using an electric drill fitted with a mixing paddle is 2 to 3 minutes.

### Application Guidelines:

#### Manual Installation:

Pour the mixed T30 SL onto the prepared subfloor. Wear spiked shoes to avoid leaving unnecessary marks in the liquid topping. Spread into place using a gauging rake with height adjustment to obtain an even thickness. Use a stand-up spreader for smoothing and where necessary a hand trowel. Do not resurface with T30 SL after the 10-minute working time.

#### Pump Installation:

For ease and efficiency of application, T30 SL can be pumped using a suitable automatic mixing pump. Follow the instructions provided by the pump manufacturer.

Thickness: T30 SL can be applied from 2 mm to 5 mm thickness in one application.

#### Coatings:

The hardened T30 SL should be protected from extreme wear, oil, salt, chemicals, abrasives and water by applying a suitable wear protection system. Systems including epoxy coatings or flooring paints can also be used for heavy traffic areas. Contact HYDROBLOC Technical Services for further information.

### Coverage/Consumption:

Approximately 1.45 kg powder/mm/m<sup>2</sup>.

A 25 kg bag will cover approximately 3 m<sup>2</sup> at 5 mm thickness. Coverage will vary depending on surface roughness.

### Curing & Protection:

T30 SL is quick-drying and walkable after 6 hours.



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### Packaging:

T30 SL comes in a 25 kg bag.

### Storage & Shelf Life:

T30 SL has a shelf life of 12 months if stored in dry conditions in the original unopened packaging.

### Health & Safety:

T30 SL contains Portland cement and quartz sand. Avoid the generation of dust. Do not inhale the dust. Avoid contact with eyes or skin. Wear suitable protective gloves and safety glasses. In case of contact with eyes, rinse opened eye for several minutes under running water. In case of contact with skin, rinse affected areas thoroughly with running water. If dust is inhaled, move the affected person to fresh air, ensure breathing passages are clear and rinse mouth with running water. If symptoms persist, seek medical advice.

### Technical Data:

| Property              | Value          |
|-----------------------|----------------|
| Powder bulk density   | 1.3 kg/litre   |
| Mixed mortar density  | 2.0 kg/litre   |
| Compressive Strength: |                |
| After 1 day           | Approx. 14 MPa |
| After 7 days          | Approx. 20 MPa |
| After 28 days         | Approx. 32 MPa |