

HardTop® 201SL

Two component, cement-based, self levelling flooring compound

Description

HardTop 201SL is two component, cement-based, acrylic polymer modified self-levelling flooring compound. It is specially formulated to be used at application thickness 2 - 6 mm.

Features and benefits

- Flexible.
- Can be applied to damp substrates.
- Excellent bond to porous and non-porous surfaces.
- Improved abrasion resistance.
- Water resistant.

Recommended for

HardTop 201SL is ideal for use as an underlay for floor carpets and tiles. It can be used as a light duty floor if coated with suitable type water-based epoxy floor coating.

Composition

HardTop 201SL Powder is blend of high strength Portland cement, selected fillers and modifying agents. **HardTop 201SL** Liquid is based on acrylic polymer emulsion.

Packaging

HardTop 201SL is available in 25 kg double pack (20 kg/bag powder + 5 kg/jerrycan liquid).

Coverage

5.1 kg/m²/3 mm thickness.

Note:

Coverage rate takes no account of wastage and may vary according to the type of surface involved.

Technical data

Mixed density	1.7 kg/liter
Pot life	60 minutes at 20°C
Time between coats	6 hours minimum @ 20°C
Color	Grey

Surface preparation

- All floors to be treated must be sound, clean, dry and free of any material which may impair adhesion.
- Mechanical surface preparation is recommended using suitable method including high pressure water jetting, grit blasting and grinding. Surface should be roughened and open-pored.
- Large, spalled areas, cracks and pot holes should be saw cut and cleaned before applying **HardTop 201SL**.
- Defected concrete can be repaired with a mixture of 3 parts **HardTop 201SL** Powder, 1 part of **HardTop 201SL** Liquid and up to 2.5 parts of 1-4mm aggregate all measured by volume.
- Porous surfaces such as concrete and sand/cement screeds should be washed with clean water. Ensure that the substrate to be treated is damp but not wet at the time of application. Then, it should be primed with **UniBond LX** diluted 1:2 with water at a rate of 5-6m²/liter.
- Steel surface should be primed with suitable epoxy bonding agent.
- Allow the primer to become tacky before applying **HardTop 201SL**.
- Apply the **HardTop 201SL** mix to the primed area whilst still damp.

Mixing

- **HardTop 201SL** mortar can be obtained by mixing a 20 kg bag of **HardTop 201SL** Powder with 5 kg of **HardTop 201SL** Liquid.
- Mix mechanically in a suitable batch mixer. A slow speed drill fitted with suitable mixing paddle can also be used.
- Add the contents of **HardTop 201SL** Powder bag to the **HardTop 201SL** Liquid slowly while mixing.
- Mix for 5-10 minutes until a homogeneous, lumps-free paste consistency is achieved. Do not over mix.

- MIX AND USE. Mix material that can be applied within 60 minutes (pot life).
- Never re-constitute the mix after initial stiffening has taken place.

Application

Apply **HardTop 201SL** while the primer is still tacky. Pour the mixed material onto the tacky surface. Spread **HardTop 201SL** using notched trowel or squeegee to the required thickness. Roll the material using spiked roller to release air and achieve flat surface.

Curing

Air-dry circumstance is recommended for curing **HardTop 201SL**. It should be protected from wind and water for 24 hours.

Never cure with water or using curing compounds.

Cleaning

Clean tools with water immediately after use. Hardened materials should be cleaned mechanically.

Storage and shelf life

If stored unopened in a dry place at a temperature between +5°C and +30°C away from sources of heat and moisture, shelf life is 12 months from the date of manufacture printed on the pack.

Health and Safety

HardTop 201SL Powder contains cement which may cause skin irritation. It may cause allergic skin reaction and eye damage. Avoid breathing dust. Wear protective gloves, eye goggles and clothing. In case of skin contact, wash with plenty of water. In case of eye contact, rinse continuously with water for several minutes and seek medical attention.

HardTop 201SL Liquid is not considered dangerous according to the current regulation regarding the classification of mixtures. It is recommended to wear gloves and goggles and to take the usual precautions taken for the

handling of chemicals. Dispose excess material to special waste collection point in accordance with local & national regulation. Keep out of reach of children.

For further information, please ask for Safety Data Sheet for this product.

The most up-to-date TDS can be obtained from ACC Customer Service Department, or downloaded from our website: www.acc.com.eg.

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- Putties (stucco).
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