

PREM-TOP 720

Industrial Floor Topping

DESCRIPTION

PREM-TOP 720 is a high performance, self-smoothing, industrial floor topping with excellent mechanical properties making it suitable for use in industrial applications. It is a cementitious product which is mixed with water and easily applied to produce a high-quality finish.

USES

PREM-TOP 720 has been designed as a highly durable floor topping for use in heavy industrial environments and warehouses. It is designed for application at thicknesses between 6mm and 20mm.

ADVANTAGES

- Good impact and abrasion resistance.
- Rapid drying.
- Low odour.
- Self-smoothing.
- Non-dusting surface.

Property	Value
Colour	Concrete Grey
Pot life @ 20°C	30mins
Density	2170 kg/m ³
Compressive Strength @ 20°C	15 MPa @ 24hrs 23 MPa @ 7 Days 30 MPa @ 28 Days
Flexural Strength	6 MPa @ 7 Days 8.5 MPa @ 28 Days
Flow Ring Values	220mm to 240mm (65mm diameter 40mm high-flow ring)
Control Expansion	0.02 % @ 7 Days 0.03 % @ 28 Day

PROCEDURE

Surface Preparation: Correct surface preparation is paramount for the success of the applied coating. Concrete and masonry surfaces should be sound clean and free from dust, surface laitance, grease, hydrocarbons, and other deleterious materials. It is important to prepare the surface by mechanical means such as, vacuum grip blasting and diamond grinding to ensure the complete removal of any contaminants and to provide an adequate key for the coating. The moisture of new concrete substrates should be less than 97% R.H. Imperfections in the substrate should be repaired using a suitable PREMCRETE REPAIR PRODUCT. Steel surfaces should be grit blasted to a nominal SA 2.5 Swedish standard. Steel substrates should be primed immediately once preparation has finished to obviate flash rusting.

Priming: The prepared substrates should be primed using EPONITE TACKPRIMER applied in accordance with the appropriate technical datasheet. A quartz aggregate should be broadcast into the wet primer and the primer should be allowed to harden. Once hardened the excess aggregate should be removed before overcoating with PREM-TOP 720.

Mixing: PREM-TOP 720 should be mixed with 6 ltrs of clean water per bag using a forced action mixer or slow speed drill and mixing paddle until a uniform consistency is achieved. Once mixed the product should be allowed to stand for 2 mins to allow any trapped air bubbles to disperse.

Application: PREM-TOP 720 should be poured or pumped onto the prepared substrate and levelled using a trowel or pin leveler to the desired thickness. Once levelled the screed should immediately be de-aerated using a spiked roller to remove any trapped air bubbles.



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Curing: PREM-TOP 720 would have hardened sufficiently after 6hrs at 20°C to withstand light foot traffic. 7 days should be allowed before being put back into full service.

Equipment Cleaning: Tools and equipment should be cleaned immediately using water.

PACKAGING & COVERAGE

Pack Size: PREM-TOP 720 is supplied in 25kg packs.

Yield: A 25kg pack will yield approximately 15ltrs of mixed material.

Coverage: A 25 Kg pack will cover approximately 1.5m² at 10mm thickness.

STORAGE & SHELF LIFE

PREM-TOP 720 should be stored in clean dry conditions at temperatures between 10°C and 25°C. When stored in unopened packaging product will have a shelf life of 12 months.

HEALTH & SAFETY

See separate material safety datasheet