



Prem -Top 720

Industrial Floor Topping

DESCRIPTION

PREM-TOP 720 is a free flowing, protein free, selfsmoothing industrial flooring system, which is obtained by mixing water with a selected preblended formulation utilising high quality raw materials.

USES

Prem-Top 720 has been designed as a hard wearing floor topping for use where heavy industrial traffic is to be utilised and for warehouse racking aisles. Prem-Top 720 is suitable for use as the wearing surface or can receive resin coatings. When laid at thicknesses from 6mm to 20mm it is suitable for use in warehouses or internal industrial situations where there is a need for a smooth surface which has excellent impact and abrasion resistance.

ADVANTAGES

- Ease of application by pump or manually
- Rapid drying characteristics facilitate rapid return to service
- 2-4 hour walk on time @ 20°C.
- Excellent abrasion and impact resistance
- Low odour
- Self-smoothing and highly fluid
- Laying rates in excess of 1000 M2 per day can be achieved
- Suitable for use as a final wearing surface

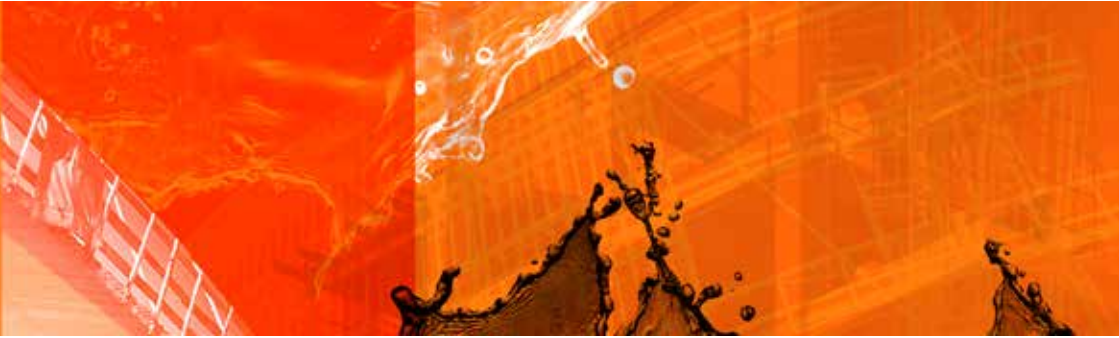
TYPICAL PROPERTIES

Property	Value
Colours	Light Grey
Pot Life	30 minutes
Flow Ring Values	210 - 240mm (65mm, Ø, 40mm high flow ring)
Density	1700kg/M ³ (dry) 2150kg/M ³ (wet)
Compressive Strength	24 hours 15 MPa 7 days 24 MPa 28 days 32MPa
Flexural Strength	7 days 6.0MPa 28 days 9.0MPa
Controlled Expansion	7 days 0.015% 28 days 0.025%

PROCEDURE

Substrate Preparation: Substrates should be hard, sound and free from dust, dirt, oil, grease, paint, plaster, laitance or other contaminants which could prove a barrier to adhesion. Heavily contaminated floors may require special treatment and specific advice should be sought. Generally substrates are best prepared by mechanical methods such as shot blasting, planing or scabbling.

The substrate should be vacuum cleaned prior to application of primer. Indoor and floor slab temperatures should exceed 6°C with a relative humidity not exceeding 95% and maximum temperature should not exceed 30°C.



Priming: Substrate priming should be carried out using Premcrete Tack primer, blinded with 8/16's grade sand or by two coats of Epoprime AC. Particularly porous surfaces may require an additional primer coat. Priming should not take place if the temperature is less than 6°C. (see separate datasheet).

Mixing: Mix the dry powder with approximately 6 litres of clean cool water, for at least 3 minutes using a forced action mixer. Once an even consistency is achieved allow the material to stand until the majority of the air bubbles have dispersed.

Manual Application: The mixed material should be poured onto the prepared substrate and levelled using a trowel or pin rake to the desired thickness. A spiked roller should then be used to remove any entrapped air bubbles.

Pump Application: Use a conventional floor screed dual stage mixer and pump. The water dosage should be controlled to ensure even consistency. Once the material has been placed using a pin leveller, it should be thoroughly spike rolled to remove any entrapped air. Where greater thicknesses than 15mm are required, economies may be achieved by using Prem-Base

Equipment Cleaning: Clean equipment using water prior to the material curing.

Curing: Setting and hardening times will be shortened at high temperatures and extended at low temperatures but generally Prem-Top 720 will have hardened sufficiently to withstand foot traffic after 2-4 hours at 20°C.

PACKAGING & COVERAGE

Pack size : 25kg bags.

Yield : A 25kg pack will yield 15.4 litres of mixed material.

Coverage : A 25kg bag will cover 1.54M2 at a thickness of 10mm.

STORAGE

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions.

Prem-Top 720 has a minimum shelf life of 6 months if stored in original unopened containers.

LIMITATIONS

Do not apply at temperatures of 3°C or less. The minimum temperature at which the product should be laid is 6°C with a maximum of 30°C.

HEALTH AND SAFETY

Please refer to the material safety datasheet for information.

The information provided in this data sheet is intended for general guidance only and is given in good faith based on Premcrete's current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this datasheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the product data sheet for the product concerned. All materials are supplied in accordance with Premcrete Sales Terms & Conditions (available upon request)