

PC Cemtop SL



High performance self leveling
concrete overlay

Product Overview

PC Cemtop SL is a high performance self levelling, cementitious, polymer modified compound for re-levelling and refurbishing old/new concrete substrates. Its acrylic polymer modification not only provides excellent adhesion, strength and long-term durability but also can be polished, textured and epoxy coated for decorative finish as per surrounding aesthetics and requirements.

Areas of applications

1. Leveling interior concrete substrates
2. Decorative/polished wearing surfaces
3. Retail/commercial flooring substrates.

Properties

1. PC Cemtop SL has a fluid consistency for self levelling.
2. It can be integrally coloured for aesthetics and then can be dyed/stained within few hours after application.
3. It can also be used as an underlay.
4. It has high early strength for fast setting time.
5. It is compatible with liquid floor densifiers.
6. It is a single-component resurfacing compound, hence easy to use.

Guidelines for Usage

1. Surface Preparation: Remove all grease, oil, dirt, laitance and foreign particles that could hamper proper adhesion. Laitance, moulds and contaminants could be removed by mechanical means such as high speed water jet, grit blast or wire brush. Spalled concrete should be cut or chipped off and instead filled with PC Cemtop SL after treating with suitable primer. If sealers, paint, polymer coatings or curing compounds are present on concrete substrate, remove with mechanical shot blasting equipment. The visible reinforced steel bars should be primed twice using suitable primers. The substrate must be primed using suitable primer prior to the application of PC Cemtop SL.

2. Mixing: Mix a single bag of PC Cemtop SL in a clean container with water in the ratio of 0.20 - 0.22 (water:powder) until a uniform lump free paste consistency is formed. Mix the entire contents using a slow speed mixing paddle for about 3 mins.

Note: - The required water may vary as per surrounding climatic conditions. For more information, Kindly contact an Mcrete® Technical representative.

3. Application: Make sure that the surface has to be wet prior to the application (no standing water/ponding). During application pour the entire mixed contents onto the surface and spread the material using gauge rake at widths 3 mm to 9 mm. Smoothen the surface as desired. For maximum durability and wear resistance, apply Mcrete floor densifiers.

Dosage and measures

PC Cemtop SL comes in a pre weighed packings. It is ready to mix and apply. Mix a 20 kg bag of PC Cemtop SL with 4.00 - 4.50 ltr of water. Please contact a Mcrete® technical representative for further advice.

Packings available

PC Cemtop SL is available in 20 kg bags.

Coverage

A bag of PC Cemtop SL will yield 2.50 m² when applied at a thickness of 4mm

Storage and Shelf life

PC Cemtop SL has 12 months shelf life when stored in original, cool, dry and unopened packs.

Safety Measures

1. Clean tools and equipment immediately after the use.
2. Use proper safety equipments while mixing e.g. use of safety coats, safety goggle, gloves etc. Any eye contamination should be washed immediately with clean water and immediate medical attention sought.
3. Do not wet cure. Do not use a solvent based curing compound on this product.
4. Don't add admixtures, sand or calcium chloride.
5. Always use a complete units. Partial usage of unit may lead to variable results.
6. It is not recommended for heavy duty as like industrial floorings. It is only for indoor use.

For further information related to application and safety precautions, please contact Mcrete® technical representative.

Technical data

Aspect	Free flowing powder.
Mixed Density	2.10 - 2.20 g/cc
<u>Compressive strength</u> 1 day 7 days 28 days	13 MPa 28 MPa 40 MPa
<u>Setting time</u> Initial set Final set	15 minutes 1 hour
Flow time Working time	Approx. 10 minutes Approx. 20 minutes
Pot Life	20 minutes

For further clarifications Please contact on below address

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