

FLOORTOP 2K

TWO PART SELF LEVELING UNDERLAYMENT

FLOORTOP 2K is a free flowing and self leveling two components specially designed for easy application over concrete floors as an underlayment for subsequent placement of floor coverings. It is formulated to incorporate the state of art acrylic polymer technology which provides excellent flexible, smooth self leveling compound to be applied at a thickness from featheredge to 10 mm.

PRIMARY APPLICATIONS

- Placement over wood, tile or terrazzo
- Smooth concrete surfaces
- Re-level worn floors
- Flooring underlayment
- Leveling course under ceramic tile
- Hospitals – hotel floors prior to carpeting.

FEATURES / BENEFITS

- Flowable consistency for self leveling application
- Pumpable through standard equipment
- Self leveling for smooth, flat floors
- Minimal shrinkage for outstanding resistance to cracking
- Improved flexibility

PACKAGING / YIELD

FLOORTOP 2K is packaged in units containing 30 kg of powder and 8.1 liters of FLOORTOP 2K LIQUID. Yield is 21 liters.

COVERAGE

Each unit of FLOORTOP 2K covers
4.1 m² at average thickness of 5 mm

TECHNICAL INFORMATION

The following results at 28 days developed under laborating conditions.

Compressive strength

ASTM C 109 (m) - 30 MPa

Bond strength

ASTM C 1042 - 8 MPa

Flexural strength

ASTM C 348 - 10 MPa

DIRECTION FOR USE

Surface preparation – New concrete must be a minimum of 3 days old and must be broom textured at the time of placement to secure a good mechanical bond for the underlayment. If the new concrete is not finished with an appropriate texture, follow surface preparation procedures of old concrete.

Old concrete must be clean and textured. All oil, dirt, debris, paint and unsound concrete must be removed. The surface must be prepared mechanically using a scabber, bush hammer, shotblast or scarifier which will give a surface profile to coarse sandpaper. The final step in cleaning should be the complete removal of all residues with vacuum cleaner or pressure washing.

Acid etching is not acceptable only when mechanical preparation is impractical. It is recommended that only contractors experienced in the acid etching process use this means of surface preparation. The salts of the reaction must be thoroughly washed away. Allow the concrete to completely dry.

Note: Even with proper procedures, an acid etched surface may not provide as strong a bond as those which are mechanically prepared.

All concrete must possess an open surface texture with all curing compounds and sealer removed.

Mixing:

Small quantities may be mixed with a drill and “jiffy” mixer. Use paddle type mortar mixer for large jobs. Add the appropriate amount of mixing liquid for the batch size and add the dry product. Mix for a minimum of 3 minutes to obtain lump free homogeneous mix. The mixed product should be quickly transported to the repaired area and placed immediately.

Placement :

The product must be continuously placed to provide a smooth and uniform surface. Start in one corner placing a continuous stream of material along one edge of the area and back lap as soon as possible for a uniform, smooth surface. Tools such as spiked rollers, notched squeegees, trowels and smoothers may be used to assist placement.

Finishing:

This product is self-leveling and requires no finishing or trowelling operation.

Curing:

FLOORTOP 2K does not require curing with standard methods for most applications. Under hot windy or rapid drying conditions, a fog spray or wet cure for 24 hours is recommended after the final set of material.

QUALITY STATEMENT

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.