



FLOCON-CPIIF 35

PRODUCT DESCRIPTION:

FLOCON CPIIF 35 is a Factory Formulated, Premixed, Preblended cementitious Mortar formulations designed using German Technology for various Thin section High performance Overlays applications. It is a two component pre-packed high performance polymer modified cement based mortar with high abrasion, impact and skid resistances and is ideal for car parks and industrial floorings.

USAGE:

It is a Blend of various Cementitious, Pozzolans, Polymers & Admixtures to achieve various Surface finishes, strength, workability etc.

ADVANTAGES:

- Flow Con CPIIF 35 is Capable of delivering excellent surface finish in thinner sections (min 4-5mm recommended)
- Reduced Labour requirements, due to ease of placement & finishing
- Reduces impact on environment due to reduce in noise pollution due to elimination of vibration for compaction
- Can be offered in various earthen Oxide Based UV & IR Light Fast Stable Colours
- Labour Savings due to reduction in Placing & finishing time
- When used as a screed can offer superior performance against conventional site mixed sand, cement mortars, screeds
- Manufactured in a controlled factory environment to give a uniform consistent results
- Its formulations can be tailor made to suit the specific site/job requirements
- Excellent adhesion to concrete.
- Excellent abrasion & impact resistance.
- Good waterproofing properties

Uses:

- Repairs and resurfacing of old and worn concrete floors, roads, bridges, runways, tarmac, etc.
- Patching and repairing of damaged concrete surfaces.
- Topping for new concrete floors to increase the skid and wear resistance.
- Suitable for interior and exterior application, e.g. warehouses, car parks & driveways, bus bays, concrete roads, docks, etc.
- As a screed over to concrete roof gutters. Repair and re-surfacing to damaged concrete staircases.
- As water, skid and wear resistance coating to suit open, enclosed and basement car park applications. It is effective as an 'anti-screed' coat to multi-storey car parks, driveway and ramp, especially to descending and ascending turn areas.
- Coating to internal and external walkways for new and upgrading projects.
- Protective screed for industrial floors in high wearing areas
- As a repair patch over exposed concrete floor, slab and tile surfaces

Application Guidelines:

Clean the surfaces and remove any dust, oil, grease or other contaminants. Defective and unsound substrate has to be removed and repaired prior to application of CPIF35.

Existing substrate expansion joint is to be continued through the new topping and any movement joint. Smooth and compact surfaces must be roughened by mechanical means.

Priming

Prime the substrate using Suitable primer recommended as per the substrate (contact the company representative for the recommended primer system)

Mixing Ratios :

Mix 1 part Polymer to 5 parts of powder (do not add any water to the premix under any circumstance)

Application

Pour the liquid Polymer into a 20 litres pail and slowly add the powdered dry mix, stirring with a low speed drill until a homogenous lump-free mixture is obtained.

Avoid entrapping air during mixing. the consistency of mixed mortar allows application of 3-5 mm in thickness for each layer. Apply Flocon CPIF 35 onto moist surface with trowel or rubber tool. For anti-skid surfaces, brooming to desired texture may be done shortly after initial set.

Curing

Dry curing is essential to Flocon CPIF 35

Where rapid drying conditions exist, such as high temperature, direct sunlight and strong wind, It must be protected by a polythene sheet to reduce water loss.

Do not apply if temperatures are below 10deg cent & above 40 Deg cent

Storage: Store in a cool & dry place away from Direct sunlight with proper sealed Bags

Shelf Life: Minimum 6 Months if stored in a cool & dry place away from direct sunlight,water,moisture.

Packing : Bulk packings (Powder component in 25Kg bags & Liquid component is 20Kg Plastic pails)

Note: FLOCON Premixes for Polished concrete flooring are formulated to be perfectly homogeneous in appearance. But sometimes the physical act of spreading and smoothing, along with the sanding process, will result in optical variations in the appearance of the floor even though it is very flat. The aesthetic appearance of the floor that is created is subject to possible technical and artistic tolerances. Variations in the overall finished appearance are an intended effect and should be expected. Always install an adequate number of properly located test areas, including the processing, to determine the suitability and aesthetic value of the products for the intended use. The finished floor achieves its published mechanical properties after 28 days

Disclaimer

The information contained herein is believed to be accurate and is offered in good faith for the guidance of the consumer. We cannot accept any responsibility for errors in, or misinterpretation of the information contained in this brochure. In view of our constant endeavor to improve the quality of our products, we reserve the right to alter or change The specifications without prior notice

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