



DESCRIPTION

SL -315 is a cement-based self-levelling component that can be used to produce a self-smoothing, flat or level surface prior to the installation of floor coverings. SL - 315 can be applied at thickness from 3 to 15mm.



AREA OF APPLICATION

Used as a self-smoothing topping for

- Finishing rough floors which demands high degree of wear resistance
- Seamless floor refurbishment topping
- Renovation & upgradation of existing & new concrete floors
- Industrial & warehouse concrete floors
- Pre-fabricated concrete floors
- Cementitious underlay for tiles, carpet, vinyl sheets, linoleum & other flooring materials



FEATURES & BENEFITS

- High flow properties
- Pumpability
- Shrinkage compensated
- Easy workable
- Dries much faster than normal cement mortars & slurries, this minimizing downtime.
- Bonds strongly to old & new concrete floors
- High degree of wear resistance



METHOD OF APPLICATION

SURFACE PREPARATION

1. The substrate should be clean, sound and free from loose material and contamination such as oil, grease, paint etc.
2. New concrete should be at least 7 days old.
3. Large cracks and holes may be filled using a mix of SL-315 and clean sharp sand up to a trowelable mortar consistency by the addition of required quantity of water.

PRIMING

1. Prime the substrate with two coats of IKAN Polycrete in 1:1 dilution with water
2. SL-315 should be applied while the primer is in tacky condition.
3. Take care to avoid ponding of primer.
4. Application should be done with brush or broom

MIXING

1. Pour a 20kg bag of SL - 315 into a bucket containing 5.5 – 6 liters of clean water and mix with a low speed electric mixer to obtain a homogenous lump free mix.
2. Let the mix stand for several minutes before remixing for a short time then the mix is ready to be applied.
3. The prepared amount of self levelling must be used within 30 minutes (at a temperature of 23°C)

APPLICATION

1. Apply SL- 315 in a single coat from 3mm to 15mm thick with a serrated trowel or squeegee and allow to self-level
2. The material must then be rolled with spiked roller to release air and achieve final levelling. Rolling must be done immediately after placing the material. Do not attempt to float the setting surface.
3. The required thickness must be achieved in one application. Also, the best results are achieved when the pouring and leveling is a continuous process until the designated area is completed. Good site organization is essential.
4. Large areas should be subdivided by using temporary dividing strips.
5. Freshly laid SL-315 should be protected from direct sunlight and/or strong drying winds until material is hard (minimum 24 hours).

CLEANING

While still wet, SL- 315 can be removed from tools with water. Residues of the hardened material can be removed with mechanical means only.

COVERAGE

A 20kg bag will cover approx. 5.5 m² at 3mm thickness



STORAGE & SHELF LIFE

- Shelf life is 12 months from date of manufacturing in unopened packing
- Store at cool & dry place, away from sun, heat & fire



HEALTH & SAFETY PRECAUTIONS

This product contains cement and contact with skin may cause irritation. It should not be inhaled and a properly designed and suitable protective clothing, gloves, eye protection and respiratory protective equipment should be used whilst handling, pouring and mixing the powder. Avoid contact with the product by working carefully using a barrier cream and wearing protective gloves. Avoid contact with eyes, if such contact occurs irrigate with water for 20 minutes and seek medical advice. If mistakenly ingested, drink plenty of clean water and seek medical advice.