BEATON -Luxury Concrete Finishes

PRODUCT TECHNICAL DATA SHEET

DESCRIPTION

Beaton is an innovative system especially engineered for creating decorative wall and floor cement seamless finishes. It is a perfect solution for those who want seamless, innovative, rustic and tactile surfaces with a unique look. Having only 3 mm thickness it allows you to renovate existing surfaces on different substrates without removing them.

PRODUCT INFORMATION

Packaging: 20 Kg HDPE lined Paper Bag Both BASE COAT & TOP COAT.

Appearance: Natural Grey/ White/ Dark Grey

Shelf Life: 12 months from date of production if stored properly in unopened sealed packaging.

Storage: Store in cool dry condition with temperatures ranging from +5 to 30 degree Celsius.

PHYSICAL CHARACTERSTICS

Solvent Type	Waterborne
Finish Type	Mid-sheen polished finish
Working Life	3 hours at 25℃ 80% relative humidity
Open to Traffic	In 24 hours for light traffic but it is advisable for full cure to be achieved (a minimum of 72 hours)
Full Cure	Full cure in 72 hours depending on weather conditions and ambient temperature

BULK DENSITY (IS:331-1982)
Bulk Density of BEATON is 1.52 g/cc tested as per IS 331982

COMPRESSIVE STRENGTH (ASTM C-109)
Compressive strength of BEATON is 24.4 Mpa after 28 days tested as per ASTM C 109 testing method.

MOH'S HARDNESS: (ASTM C779)
The selected aggregates contained within BEATON have a hardness value of 3 on the Moh's original scale tested according to IS.

IMPACT VALUE Kg-M: (ASTM D2794-93)
The Impact value of BEATON surface is 0.65 when tested according to ASTM D2794-93

CO EFFICIENT OF FRICTION (ASTM C-1028)
The Coefficient of Friction of BEATON surface was found to be 0.60 when tested according to ASTM C-1028

APPLICATION OF BEATON

A) HORIZONTAL SURFACE

1. On concrete and other absorbent substrates, apply CEM-PRIME if humidity is detected. On glazed tiles and other blocked substrates: slightly sand the surface and apply CEM-GRIP.

2. Apply BEATON in 2 coats; (Mix 3 components until obtaining a pasty mortar with good sag resistance and let surface dry between coats). Once the second coat has dried, sand the surface with a 150 or 220 grid and remove the dust.

3. Seal the Surface with CEM –SEAL , specially manufactured for beaton surfaces.

B) VERTICAL SURFACE

1. On concrete, apply CEM-PRIME On glazed tiles, apply CEM-GRIP.

2. Apply Beaton in 2 coats; (Mix 3 components until obtaining a pasty mortar with good sag resistance and let surface dry between coats). Once the second coat has dried, sand the surface with a 150 or 220 grid and remove the dust.

3. Seal the Surface with CEM –SEAL , specially manufactured for beaton surfaces.

HEALTH & SAFETY INSTRUCTIONS

BEATON contains Portland cement and are therefore alkaline when in contact with water. Prolonged contact with the skin should be avoided. Any eye contamination should be washed immediately with plenty of clean water and medical advice sought.

FIRE

BEATON is not flammable.

Important note :

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