

BONDEX

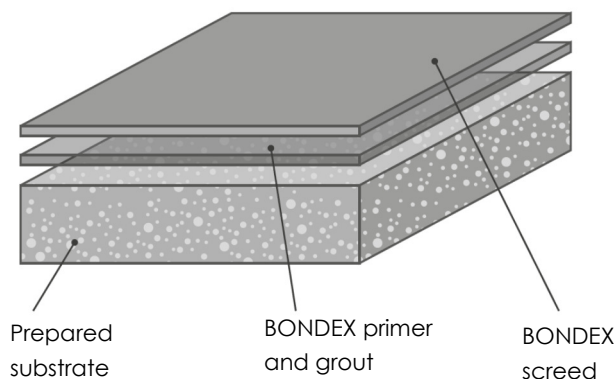
BONDEX - polymer latex screed additive and bonding agent for heavy duty flooring or for rapid drying, levelling screeds (min. 10 mm thickness) to receive various types of floor finishes.

Description

Bondex bonding agent is a high solids, water-based emulsion admixture suitable for modifying Portland cement compositions. It is also designed for use as a bonding agent between new and hardened concrete. It is a milky white, non-yellowing liquid ready for use and requires no onsite dilution. Cement mortars modified with Bondex are hard, tough, and durable. It offers superior tensile, flexural, and impact strengths. Also, mortars and concrete modified with Bondex typically show greater adhesion.

Benefits

- Toppings and screeds can be applied at low thickness
- Toppings and screeds installed at low water cement ratios due to strong plasticizing effect
- Improved workability
- Excellent resistance to water and water vapour
- Low shrinkage plus rapid strength development
- Improved physical strengths i.e. compressive, flexural, tensile
- Improved abrasion resistance



Typical Mix designs

Sealer Coat

BONDEX 1 volume
Water 2,5 volumes
BONDEX coverage - 5 - 10 m²/kg.

Bonding Slurry

BONDEX: 1 volume
Portland Cement*: 3 volumes
BONDEX coverage - 3 m²/kg.

Water Resistant Screeds

Standard Duty

Thickness 10 – 40+ mm
Portland Cement*: 50 kgs
0/4mm sand: 200 kgs
BONDEX: ca 21kgs
Density 2200 kg/m³

Heavy Duty

Thickness 30 – 100+ mm
Portland Cement*: 50 kgs
0/4mm sand: 150 kgs
6 mm granite: 50 kgs
BONDEX: ca 21 kgs
Density 2300 kg/m³

* Portland Cement must conform to EN 197-1 Class 42.5 or above

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH and free from rising damp and ground water pressure.

Packaging

25l canister

Health and safety

No hazardous substance according to the hazardous substances regulations, no hazardous good according to the transportation regulations for hazardous goods. Contact with skin and eyes to be avoided. Direct contact may result in mild irritation.

Sales

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