



DRY BOND 540

SBR Admixture For
Cementitious Systems

*Admixtures & Concrete
Related Products*

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	20 Ltr 5 Ltr 1 Ltr	-	-	-	-	-	-

PRODUCT

DRY BOND 540 multipurpose admixture specially formulated to be used with cement-based mortars & concrete to improve adhesion, water resistance, abrasion resistance, compressive, flexural and tensile strength.

DRY BOND 540 is Styrene butadiene copolymer (SBR) latex, offers good water penetration resistance, strong adhesion on cementitious substrates, and to steel reinforcement, reduced shrinkage, improved flexibility, and durability. Moreover, it enhances chemical resistance.

DRY BOND 540 is to be used as an admixture for the following applications:

- Cement based tile adhesive & tile grouts mortars.
- Cement based renders and spatter dash mortar
- Waterproof plaster for swimming pools, water and waste water tanks.
- Floor screeds.
- Bonding of new concrete to old & bonding of concrete repair mortars.
- Improves corrosion protection of steel reinforcement in concrete structures.

ADVANTAGES.

- Improve abrasion resistance.
- Excellent adhesion cement-based substrates.
- Reduce shrinkage.

CHARACTERISTICS

Color	Milky White
Diluents/ Thinner	Water
pH	Approx. 10
Specific Gravity	Approx. 1.0

INSTRUCTIONS FOR USE

SURFACE PREPARATION

- Surfaces should be clean and free from any loose particles, dust, oil, grease, curing agents, or paint.
- Remove all recess and loose materials using suitable tools.
- Reinforcing steel must be free from grease, oil and rust.

PRODUCT PREPARATION

ready to use

PRODUCT APPLICATION

Tile Adhesives

- For tile adhesive it is recommended to use **DRY BOND 540** with **webercol Tile Fixing** products. The recommended dosage is 1.5 liter/25 kg bag. The total amount of water that should be added to each bag should be reduced to

compensate the addition of **DRY BOND 540**.

- In Addition **DRY BOND 540** can be used with cement based traditional mortar for fixing ceramic tiles. The Recommended dilution for **DRY BOND 540** is with water at a ratio of 1:1 to 1:4 .

Tile Grout

- **DRY BOND 540** is to be used with **weberjoint seal 413 & 414** and jobsite mix cement-based tiles grout to produce waterproof tiles grouts for floors and walls. It is recommended to use **DRY BOND 540** diluted with water at a 1:4 ratio.

Bonding Slurry

- For bonding slurry mix one part **DRY BOND 540** with one part of water and 2-3 parts of cement to a lump free slurry consistency. Apply the mix to the prepared surface using stiff brush without leaving any pinholes on the surface. The following mortar layer must be applied while the slurry coat is still tacky. (Coverage is approximately 5 - 7 m²/liter of **DRY BOND 540** depending on surface condition).

Ploymer Modified Mortars

- **DRY BOND 540** with water with a ratio of 1:1 - 1:4.
- Mix the dry component of the cement-based mortar using well graded sharp sand and the required quantity of OPC.
- Add the powder mix to the diluted mixture of **DRY BOND 540** slowly while mixing.
- Keep mixing for three minutes using a 300 rpm drill and keep the mortar as stiff as possible.
- Apply the mortar by trowel gradually or other suitable application tools.

Curing

- Moisture curing 3 days, or immediatly cover the applied material with plastic sheets for 3 days, to allow to dry slowly.

COVERAGE RATE

5 - 7 m²/liter (bonding slurry application).

50 - 100 liter/m³ (floor screed application).

(Coverage rate may vary depending on surface condition).

STORAGE

DRY BOND 540 has a high storage stability at +5°C to +35°C. stir always before use.

Shelf life is 12 months from manufacturing date, in original well closed packaging, under shade and in a dry, covered storage area.

SAFETY PRECAUTIONS

While using the product, gloves, mask and goggles should be worn. Splashes to skin or eyes should be washed with clean water, in case of prolonged irritation, seek medical advice.

DISCLAIMER

while the comapny guarantees its product againts defective materials, the use and application of these prodcuts are made without guarantee since the conditions of their application are beyond its control. Its is recommended to verify with the company that the produc is suitable for the intended use and

that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are losted for guidance only. For more information, please contact the company's office in your location.

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