

POLYBOND™ ADD-Mix

Multi-purpose Additive for Adhesive, Render & Screed



ADVANTAGES

- Single component and user friendly
- Ready to use without the need for dilution with water
- Cost effective with high productivity
- Improves bond strength of mix
- Improves workability of mix
- Improves elasticity of mix
- Reduces shrinkage and permeability of mix

DESCRIPTION OF PRODUCT

POLYBOND™ ADD-Mix is a water-based emulsion polymer admixture or additive specially formulated to be mixed with **POLYBOND™ 136** or **POLYBOND™ Standard 158** tiles adhesive to replace mixing water primarily to improve bond strength, flexibility, water resistance and durability as well as minimize efflorescence at joints.

PREPARING THE MIX

For Factory Premix Materials

Pour the required **POLYBOND™ ADD-Mix** in litre into a drum and then only pour the powder slowly while continuously mixing with a slow speed mechanical mixer until it forms a consistent paste free from lumps with an optimal workability for the targeted application depending on substrate and humidity at that time.

For Site Mix Plaster and Screed

Pour the required **POLYBOND™ ADD-Mix** in litre progressively into the rotating drum mixer together with the OPC and washed sand and mix until a consistency is achieved for the targeted application.

RECOMMENDED USAGE

As an additive for direct replacement of mixing water for:

- **POLYBOND™ 136** and **POLYBOND™ Standard 158**
- **POLYBOND™** or any other tile grouts.
- Factory premix render and screed.
- Cement-sand site mix plaster and screed.

MIXING RATIO

POLYBOND™ 136 and POLYBOND™ Standard 158	6.00 to 8.00 litre to 25kg bag
POLYBOND™ Tile Grouts	8.00 to 10.00 litre to 20kg bag
POLYMiX® Basic Render or Render SP	7.00 to 8.00 litre to 40kg bag
POLYMiX® Basic Screed	6.50 to 8.00 litre to 40kg bag
Cement-sand site mix plaster	13.00 to 18.00 litre to 50kg bag of OPC with the ratio of OPC : Washed Fine Sand @ (1 : 4 to 6)
Cement-sand site mix screed	18.00 to 20.00 litre to 50kg bag of OPC with the ratio of OPC : Washed Sand @ (1 : 6 to 8)

TECHNICAL SPECIFICATION

Colour	Milky White
Consistency	Liquid
Density	Approx. 1.1 kg/litre
Solid Content	7 - 10%
Application Temperature	8 °C to 40 °C
Pot Life	Approx. 2 - 3 hours
Toxicity	None
pH	Above 10

PACKAGING AND STORAGE

- Packing : 20 litre / container or 200 litre / drum
- Shelf-Life : 9-12 months in original packing
- Storage : Keep in cool and dry condition

PRECAUTION

- Stir well **POLYBOND™ ADD-Mix** from container before mixing as some solid matters may have settled to the bottom of container during prolong storage.
- Do not further dilute with water other than recommended for a specific function.
- No necessity to further add any form of plasticizer, lime or chemical additive to improve workability.
- Please empty all plastic containers thoroughly after use and dispose in accordance to the local regulations as required.