



PRODUCT INFORMATION

Name	: EziMIX MULTI-PLUS
Packing	: 4 & 25 ltrs
Shelf Life	: 12 Months in Cool & Dry Condition
Appearance	: Milky white polymer liquid
Ph Value	: Alkaline
Toxicity Hazard	: No
Inflammability	: No

MIXING RATIO & COVERAGE

	Coverage
(b) Admixture for Tile Grout: Mixing Ratio: 1 pbw. to 2.5 pbw. Grout Fine 1 pbw. to 3.3 pbw. Grout Coarse	Refer to GROUT TDS
(a) Admixture for Tile Adhesive Mixing Ratio: 1 pbw. to 3pbw. Ezi's tile adhesive.	1.2 m ² /ltr (at 3mm bed thickness)
(c) Admixture for Cement-sand Mortar (render/screed) Mixing Ratio: 1pbw. to 11-14 pbw. cement-sand mix (50kg OPC + 150-200kg sharp sand)	1m ² /ltr (at 10mm bed thickness)
(d) Primer : Mixing Ratio: Direct use from the container	12 m ² /ltr (1 coat)

TECHNICAL DATA (Tested at 25 °C)

Latex Modified Tile Adhesive (1 pbw. EziMIX MULTI-PLUS + 3 pbw. Ezi STAR FIX)	
Tensile Adhesion after 28 days	: 2.75 N/mm ²
Tensile Adhesion 7 days dry + 14 days wet	: 2.57 N/mm ²
Shear Adhesion after 28 days	: 21.3 N/mm ²
Compressive Strength after 28 days	: 32.7 N/mm ²
Flexural Strength after 28 days	: 10.7 N/mm ²
Resistance to Heat	: +100 °C
Resistance to Frost	: -15 °C
Resistance to Water	: Very Good
Resistance to alkalis	: Very Good
Resistance to Oil & Solvent	: Good
Latex Modified Cement-Sand Mortar (1 pbw. EziMIX MULTI-PLUS + 3 pbw. Cement-Sand)	
Compressive Strength after 28 days	: 36.7 N/mm ²
Compressive Strength 7 days dry + 14 days wet	: 33.1 N/mm ²
Flexural Strength after 28 days	: 11.7 N/mm ²
Flexural Strength 7 days dry + 14 days wet	: 7.0 N/mm ²

Tested in reference with the Requirement of:
EN 1346, EN 1308, EN 1348, EN 1324

DESCRIPTION

EziMIX MULTI-PLUS is a multi purpose industrial range latex admixture. Specially formulated to use with tile's adhesive, tile's grout, cement-mortar, cement-sand etc. on variety of building construction applications. It's suitable to use on wet/dry, interior/ exterior areas, including areas under immersion of water (eg.: Swimming pools , Water tanking system etc.)

PERFORMANCE

EziMIX MULTI-PLUS is highly recommended to use as an admixture for Ezi's range of cement-based adhesive & grout, including cement-mortar, cement-sand (render/screed) etc. to further enhance it's adhesion strength, flexural strength, cohesive strength, abrasion resistant, water resistant properties, frost resistant, durability, reduces drying shrinkage, reduces surface dusting, minimizes efflorescence etc. to widen it's performance for variety of building construction applications.

The improvement of the physical & chemical properties on the cement-based tile adhesive products, allow it to adhere onto variety of demanding-substrates, including steel, waterproofing coated surfaces, smooth & dense concrete surfaces, existing tiles, marbles, terrazzo, building boards etc.

Besides, due to its water resistant & reduces water permeability properties, it's suitable for wet-duty installation, including water immersion areas, for example swimming pools area, water tanking system etc.

USAGE

EziMIX MULTI-PLUS can be use on variety of building construction applicatios, as below:

(a) Admixture for tile adhesive

EziMIX MULTI-PLUS cooperated with Ezi's range of Tile Adhesive to provide Latex-Modified Tile Adhesive which can be use on many Tiling- applications on the following condition:

- External Wall & Floor Tiling
- Swimming Pool Tiling
- Fixing Large Format Tiles or Stone Slabs to Walls.
- Fixing of Dense/Water Impervious Tiles & Natural Stone Slabs.
- Tiling onto Dense/ Smooth Concrete.
- Tiling onto Areas/ Substrates Subjected to Movement
- Tiling onto existing Vinyl Tiles
(Note: EziMIX SBR BOND Primer required)
- Tiling onto Wet-Duty Areas.
- Tiling onto Heavy Pedestrian & Vehicular Traffic Areas.
- Tiling onto Water Impervious Substrate
(eg.: Existing Tiles, Marbles, Terrazzo, Glass, Waterproofing coated surfaces etc.)
- Tiling onto Building Boards
(eg.: Plywood, Chipboard, Cement Fiber Board etc.)
(Note: EziMIX SBR BOND Primer required)

(b) **Admixture for tile adhesive**

EziMIX MULTI PLUS to provide Latex-Modified Grout which Improve colour fastness, reduce drying shrinkage & increase compressive properties to allow compression & retraction of the fixed tile. For filling joints of wide range of ceramic tiles (water absorption < 0.5%) & natural stones etc.

Mixing Ratio: 1 pbw. to 2.5 pbw. Grout Fine
1 pbw. to 3.3 pbw. Grout Coarse

(c) **Admixture for cement-sand (render/screed) :**

Description: Cement-sand render/screed modified with **EziMIX MULTI PLUS** will further improved it's adhesion strength, flexural strength, cohesive strength, abrasion resistant, frost resistant, durability, reduces water permeability, reduces drying shrinkage, minimizes efflorescence etc.

Mixing ratio :

A standard mix of 50kg OPC (portland cement) to 150 - 200kg sand (1: 3-4) will require approx. 10-15 ltrs EziMIX SBR BOND.

(slight water can be added to adjust the workability)

Procedures :

- Mix the proportion accordingly with the mixing ratio
- Mix until consistent cement-sand mortar is achieved
- Spread and level The Modified Render/Screed constantly onto the Substrate
- Recommended to let it cure for 3 weeks before any further enhancement.

(d) **Finishing primer** (for plastered surfaces)

Description: **EziMIX MULTI PLUS** can be use as a finishing primer to apply on the cement-sand (render/screed), to reduce it's surface dusting, water permeability & strengthen surface bonding.

Mixing Ratio:

Dilute 1 pbw. of **EziMIX MULTI PLUS** with 4 pbw. of water (1:4) then brush onto the plastered surfaces.

SAFETY INFORMATION

A non-Critical Hazard to man and environment polymer-based product. Long term experience of this product indicates no danger to health when properly handled under industrial conditions. This product is water-based which not combustible. Prevent from inhaling, ingestion and avoid from entering eyes. When mixed with water it produces alkaline paste form and prolonged contact with unprotected parts of body should be avoided. (For more detail please refer to Ezi MSDS)

When working with this product, recommended to follow the safety precaution below.



WEAR DUST MASK



WEAR SAFETY GOGGLES



WEAR HAND GLOVES



WEAR SAFETY SHOES



KEEP AWAY FROM CHILDREN

COMPANY INFORMATION

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