



### DESCRIPTION

EziMIX MULTI PLUS is a Industrial Range Latex Admixture. Specially formulated to use with Ezi's range of cement-based Tile Adhesive. It's a ready to use product which contained high polymeric properties.



### PERFORMANCE

EziMIX MULTI PLUS is suitable to use on variety of building applications, and recommended for wet/dry, interior/exterior areas, including areas under immersion of water (eg.: swimming pools area)

EziMIX MULTI PLUS is designed to use as an admixture in the Ezi's range of Cement-Based Tile Adhesive, to further enhance the Adhesion Strength, Flexural Strength, Cohesive Strength, Abrasion Resistant, Frost Resistant, Durability, Reduces Water Permeability, Reduces Drying Shrinkage, Reduces Surface Dusting, Minimizes Efflorescence, Improved Workability, and provides greater resistant to stresses in installation, where tiling may be subjected to background vibration, movement, loading or hydrostatic pressure of pool water etc.

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 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
- Internal 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 (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.)

### PRODUCT INFORMATION

Name	: EziMIX MULTI PLUS
Packing	: 25 ltrs/4 ltrs
Shelf Life	: 12 Months in Cool & Dry Condition
Apperance	: Milky White/Polymer Liquid
Solid Content	: 15.7%
Ph Value	: Alkaline
Toxicity Hazard	: No
Inflammability	: No

### APPLICATION DATA (Tested at approx. 25 °C)

Mixing Ratio	: 1 pbw. EziMIX MULTI PLUS to 3 pbw. Ezi range of Tile Adhesive. (6-7L EziMIX MULTI PLUS to 20Kg of Ezi Tile Adhesive) (7-8L EziMIX MULTI PLUS to 25Kg of Ezi Tile Adhesive)
Consistency of Mix	: Non-Slump Creamy Paste Form
Coverage	: Approx. 1.2m <sup>2</sup> per liter (at 3mm bed thickness)
Bed Thickness	: Recommended 3-6 mm
Slip Resistant	: Excellent
Workability	: Good (Smooth & No Slump)
Open Time	: > 15 minutes
Adjustable Time	: > 10 minutes
Pot Life	: > 3 hours
Light Foot Traffic	: 24 hours
Setting Time	: 24 - 48 hours
Application Temperature	: +5 °C to +50 °C

### TECHNICAL DATA (EziMIX AD-1 + EziSTAR FIX at 25 °C)

Tensile Adhesion after 28 days	: 2.75 N/mm <sup>2</sup>
Tensile Adhesion 7 days dry + 14 days wet	: 2.57 N/mm <sup>2</sup>
Shear Adhesion after 28 days	: 21.3 N/mm <sup>2</sup>
Compressive Strength after 28 days	: 32.7 N/mm <sup>2</sup>
Flexural Strength after 28 days	: 10.7 N/mm <sup>2</sup>
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

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

## WORKING INSTRUCTION

When working with EZI's range of Tile Adhesive cooperated with **EziMIX MULTI PLUS**, it is highly recommended to follow the working methods stated below:

- Ensure Substrate is dry, sound and free from contamination.
- Mix **EziMIX MULTI PLUS** with Ezi's range of Tile Adhesive until consistent non-slump mortar is achieved with the ratio of 1 part EziMIX AD-1 to 3 parts Tile Adhesive.
- Use of mechanical mixer is highly recommended.
- Spread the Modified-Adhesive Mortar consistently on to the substrate using appropriate notched trowels at the bed thickness of 3-6mm. Recommended trowel of 1m at a time to avoid skin over.
- Place tile firmly onto the adhesive bed, followed by a slight sliding action to ensure that proper contact is achieved and the hollow section/ air void are eliminated.
- Allocate minimum joints of 2mm for wall tiling and 3 mm for floor tiling.
- Clean tile surface of residual adhesives before it sets.
- Allow bedded tiles to set for 24- 48 hours before grouting.
- Protect tiling from rain and inclement weather for between 24-48 hours.

## WORKING PRECAUTION

- Highly Recommended to stir/shake well the **EziMIX MULTI PLUS** before use
- Not to be use in temperature lower than 4°C
- Do not soak tiles with water.
- The "Setting time", "Open Time" and "Adjustability Time" of the Modified-Tile Adhesive will be extended slightly.

## 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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