



# MA LATEX

## Bonding agent and waterproofing admixture



# MA LATEX

## BONDING AGENT AND WATERPROOFING ADMIXTURE

### I. DESCRIPTION:

**MA Latex** is a modified styrene butadiene emulsion to be mixed with cement (neat) or cement / sand mortar for improving adhesion and waterproofing properties.

### II. USES:

**MA Latex** is a high quality emulsion that substantially improve the qualities of cement mortars, such as:

- Bonding slurry.
- Thin layer patching mortars, waterproofing renders.
- Floor screeds, concrete repair mortar.
- Abrasion resistant linings.
- Tile fixing, masonry mortars.

### III. ADVANTAGES:

**MA Latex** provides the following beneficial properties to mortar:

- Extremely good adhesion.
- Reduced shrinkage, greater elasticity.
- Excellent water resistance.
- Improved chemical abrasion resistance. Non toxic.
- **MA Latex** does not reemulsify, even in high alkaline conditions.
- Suitable for used in cement mortar in contact with potable water.
- High strength floor screeds.
- For filling and patching mortars that require thin layer finishing.
- As a bonding agent for renderings, for wear resistant floor toppings in plants and sewage systems.

### IV. PRODUCT INFORMATION:

Data	MA Latex
<b>Base</b>	Styrene butadiene (XSB)
<b>Apperance</b>	Milk white liquid
<b>Density</b>	1.02 ± 0.03 kg/liter
<b>Packaging</b>	5 / 25 / 200 / 1000 liters
<b>Shelf life</b>	24 months (in original packaging)
<b>Storage conditions</b>	Dry, cool, shaded place

### V. APPLICATION:

#### Surface preparation:

- Concrete surface should be clean, sound, free from oil, grease, cement laitance and all loosely adhering particles.
- Absorbent surfaces should be saturated thoroughly but no standing water.

#### Product preparation:

#### 1. Bonding agent for rendering / Bonding between old and new concrete:

- Ratio: 4kg cement + 1L MA Latex + 1L water
- The above slurry covers approx. 4m<sup>2</sup>.
- Add cement to the MA Latex-water premix and mix until an expected consistency is achieved. Apply the MA Latex slurry onto the prepared substrate in 1 – 2 mm thickness. Place new concrete or mortar render while the bonding slurry is still wet.

## 2. Floor screeds / renders

- Ratio: Cement : sand = 1 : 2.5 - 3 (1)  
MA Latex : water = 1 : 3 (2)
- Pour mixture (2) into (1) and mix until suitable applicable consistency is achieved.
- Apply **MA Latex** mortar when the bonding slurry is still wet
- Coverage: approx. 1 liter **MA Latex** /m<sup>2</sup> per 2cm thick mortar.

### Important note:

- Never use **MA Latex** or a mixture of **MA Latex** and water as a bonding coat without adding cement.
- Standard curing method is necessary to prevent premature drying out of mortar.
- Always pre-wet the absorbent substrate but no standing water.
- In case of multi-layer application, always work wet-on-wet.
- In case of use in permanently wet structure allow **MA Latex** mortar to cure for min. 1 week before the structure is put into service or before it is immersed permanently under water.

### Cleaning:

Clean all tools and equipment with clean water immediately after use. Hardened product can only be removed mechanically.

## VI. SAFETY INFORMATION:

**PPE:** Wear suitable protective clothing, goggles and gloves during working with this product.

**Ecology:** Do not dispose into drains, water or soil.

**Transportation:** Non-hazardous.

**Waste disposal:** According to local law.

### Important note

**MA Latex** may cause irritation. Suitable precautions should be taken to minimize direct contact with the skin. If the material gets into the eyes or mucous membrane, rinse immediately with clean water and seek medical attention.



# M-ATLANTIC



## CONTACT US.



+84 337 817 565



export@m-atlantic.com



<https://m-atlantic.com>



Epic Tower Building, No. 19 Duy Tan, Cau Giay Ward,  
Hanoi City, Vietnam

