



## ELM Latex M

Multipurpose, water resistant latex additives for cement mortars

### Uses

- Suitable as a latex additive for use with Portland cement to form high strength mortar.
- Used for producing modified tile adhesives, renders, primer coats, etc.

### Advantages

- Improves adhesion, chemical resistance & flexibility.
- Improves resistance to impact, thermal shock & water resistance.
- Non-toxic, suitable in contact with potable water.
- Suitable for on-site production of adhesives and grouts.

### Description

ELM Latex M is specially formulated latex additive, for use with Portland cement to form high strength mortars for the installation of all types of Ceramic, Mosaic, Quarry & Marble Tiles. It is also suitable for producing modified tile grouts, renders & primer coats. Latex M is a synthetic emulsion containing fungicides and hydrophilic additives.

### Technical support

Elmrr offers a comprehensive range of high performance high quality repair, maintenance and construction products. In addition, Elmrr offers a technical support package to

specifiers, end-users and contractors, as well as on-site technical assistance.

### Typical Properties

<b>Appearance</b>	: Thick white liquid
<b>Specific Gravity</b>	: 1.01 at 25 °C
<b>pH</b>	: 6
<b>Toxicity</b>	: Non-toxic
<b>Adhesion</b>	: Excellent to concrete, brick, steel, glass, marble, ceramics, etc.

### Instructions for use

**Surface Preparation:** As with all bonding materials surface preparation is of paramount importance. Remove all laitance, oil, grease, mould oil, curing compound, using a wire brush, brush hammer, or for large floor areas use a scabbling machine. Damp down surface prior to application of ELM Latex M modified mortars, ensuring surface is damp, but no free water is visible.

**Mixing:** All mixing should be carried out in a forced action mixer. Charge the mixer with the correct quantity of sand and cement, and premix for one minute. Pour in the desired quantity of ELM Latex M (premixed with water if necessary), and mix for 2 to 3 minutes.

### **Cleaning**

ELM Latex M should be removed from tools, equipment's and mixers with clean water immediately after use. Cured materials can only be removed mechanically

### **Limitations**

ELM Latex M mortars, toppings and renders should not be applied when the temperature is below 5°C and should not be exposed to moving water during application. Exposure to heavy rainfall prior to the final set may result in surface scour

### **Estimating**

#### **Supply**

ELM Latex M : 5 liter, 20 liter& 200 liter drums

#### **Storage**

#### **Shelf life**

All products have a shelf life of 6 months if kept in a dry store in the original, unopened bags or packs.

#### **Storage conditions**

If stored at high temperature and/or high humidity conditions the shelf life may be reduced.

#### **Precautions**

#### **Health and safety**

Cementitious mortars and slurries modified with ELM Latex M contain cement powders which, when mixed or become damp, release alkalis which can be harmful to the skin.

During use, avoid inhalation of the dust and contact with skin or eyes. Wear suitable protective clothing- eye protection, gloves and respiratory equipment. The use of barrier creams to provide additional skin protection is also advised. In case of contact with skin rinse with plenty of water, then cleanse thoroughly with soap and water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical advice immediately-do not induce vomiting.

For further information please contact your local Elmer office

#### **Fire**

Non- inflammable.

For further information please contact your local Elmrr office.

#### **Product Manufactured By:**

**Elmrr Chemicals**

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