



ELM Premium LTX

Two component latex modified tile adhesive

USES

- Used with a wide range of tiles, marbles, granites and stones.
- Used as a high performance tile adhesive for higher bed thickness.
- Exceptionally high bond strength, shear strength and tensile strength
- Excellent water resistance

Advantages

- High bond strength
- Impermeable
- Non-sag and easy to apply
- Excellent adhesion suitable for marbles and granites
- Pre-weighed quality controlled materials ensure consistency

Product description

ELM Premium LTX is a specially formulated two component latex modified tile adhesive used for fixing tile, stones, slabs, marbles, granites etc.

It is formulated as an environmentally friendly product which contains no harmful chemicals; hence it can be used in hospitals, schools, food processing plants and kitchens.

Typical Properties

Compressive Strength : 18 N/mm²

(BS 6319 PT: 2)

Bond Strength : 1.2 N/mm²

(ASTM D 4541)

Tensile Strength : 2N/mm²

(BS 6319 -7)

Working Time : 30 min

Instruction for use

Surface preparation

All surfaces must be sound and thoroughly clean before ELM Premium LTX is applied. All traces of grease or oil must be removed with a chemical degreaser. All loose particles of mortar, old wall paper, paint etc. must be physically removed.

Surfaces

ELM Premium LTX can be directly applied on concrete, cement screeds and cement or lime mortar. Special attention must be given to new construction prior to commencing tiling. Tiles should not be placed on concrete or block work until all shrinkage movement has taken place.

Mixing

A slow speed drill fitted with a suitable mixing paddle and mixing vessel of minimum 30 liter capacity is recommended. Add Powder to liquid and mix until a uniform, lump – free consistency is achieved.



Application

ELM Premium LTX should be spread on the substrate to a uniform thickness of 2-8 mm, and then combed horizontally. Place tiles firmly into adhesive bed, ensuring good contact with a twisting motion. Only apply to area which can be tiled in the adhesives open wet time (up to 1 m² at a time.)

Joints

It is recommended that when fixing ceramic tiles, a minimum spacing of 2 mm be left around each tile.

Finishing

Remove excess adhesive with a damp cloth before material has set.

Cleaning

ELM Premium LTX should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

Grouting

Grout installation should be after a minimum of 24 hours curing time at 25 °c

Limitations

ELM premium LTX should not be used when the temperature is less than 5° C and falling. The product should not be exposed to moving water during application. If any doubts arise consult your local Elmrr office.

Estimating

Supply

ELM Premium LTX (A+B) : 30 Kg

Coverage

4kg/M² @ 3mm bed thickness

Approximately 7.5m² / kit

Storage

ELM Premium LTX has a shelf life of 12 months if kept in dry store in the original unopened bags or packs. If stored at high Temperature and/or high humidity conditions the shelf life may be reduced.

Health and safety

ELM Premium LTX contains cement and polymer powders which, when mixed with water or upon becoming damp, releasing alkalis which can be harmful to skin.

During use, avoid inhalation of the dust and contact with skin or eyes. Wear suitable protective clothing- eye protection, gloves and respiratory equipment (particularly in confined spaces)

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.



Fire

Non- inflammable

For further information please contact your local Elmrr office.

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