

## OVERVIEW

**Blockfix LMC is a lightweight brick-laying mortar for use with clay brick, lightweight blocks and stone. It is a dry-mix insulation compound which eliminates the problem of thermal bridging in the joint. It is designed for both interior and exterior use.**

## PROPERTIES

Blockfix LMC is a pre-mixed blend of special cements, lightweight aggregates, additives and plasticizers with the following properties.

- Ready to use
- Easy workability
- Excellent insulation properties
- Good bond strength
- Low material consumption

## PREPARATION OF SURFACES

Ensure the brick or block surface is free from loose particles, dust, dirt, grease and oil. Absorbent surfaces should be wetted down with water prior to application of the Blockfix LMC

## MIXING

Mix thoroughly with the recommended amount of water, using a high speed mixer or hand agitator for 2 minutes. Let the material stand for 5 minutes prior to application. The consistency can be adjusted with powder or water if required.

## APPLICATION & CLEANING OF TOOLS

Apply the Blockfix LMC to the brick surface using a mortar applicator or trowel to approximately 10 mm thickness. Place the bricks into the mortar ensuring good contact. Check the level and continue with next brick. Remove excess material and smooth surface before setting. Use mixed material within one hour. Do not re-temper with water.

Clean tools and equipment with water after use.

## HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

## PACKAGING & STORAGE

Blockfix LMC is supplied in 20kg paper bags.

Store product in a clean dry area protected from direct sunlight and extreme heat and cold. It should be stored as supplied, until ready for use. Pallets can be stacked two high provided care is taken. Opened bags should be used first. Unopened bags can be stored for 6 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

**TECHNICAL DATA**

<b>Product</b>	Lightweight insulating mortar.
<b>Filler</b>	Lightweight inorganic fillers.
<b>Additives</b>	Plasticizing agents, adhesion promoting agent, water retaining agents.
<b>Heat Conductivity Factor</b>	<0.21 wt/m <sup>2</sup> K
<b>Consumption</b>	0.6-0.65 kg/ltr mortar
<b>Paste Density</b>	LMCF 1,000 kg/m <sup>3</sup> LMCC 860 kg/m <sup>3</sup>
<b>Compressive Strength</b>	>5.0 N/mm <sup>2</sup>
<b>Mixing</b>	10.0-10.5 ltr water/20kg powder
<b>Yield</b>	20kg powder + 10 ltr water will yield 34 ltr mix
<b>Packaging</b>	20kg paper bag.
<b>Storage</b>	6 months in original unopened containers.

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