

# Ezymix 450 – Lime Plaster Finish

## Technical Data Sheet

### Product description

EZYMIX 450 Lime Plaster Finish – Mataia a natural lime, fine finishing plaster for exterior use, containing fine sand, high grade hydrated lime products, hydraulic bonding agents and additives.

This material corresponds to the group of mortars P IC in accordance with DIN 18550.

Sprinkle EM450 into the required amount of water and allow to soak for up to 30 minutes prior to use. Drill well ensuring no un-mixed material or lumps are present. It is very important that all tools, mixing equipment and buckets are totally clean and that during mixing or application no sand particles are introduced into the EM450 which may affect the performance of the material.



### Application Information

**EM450** must be applied in multiple coats over EM350 - Lime Plaster Base.

Apply the **EM450** over the EM350 - Lime Plaster Base at 2-3mm using a steel trowel. EM450 - Lime Plaster Finish Mataia may be applied and finished as a smooth finish or alternatively be applied in a 'skip' trowel or brushed method resulting in a hand applied and/or rustic texture.

#### Do Not Over trowel

After the initial coat of **EM450** has begun to harden, do not re-trowel as this may result in dragging or tearing of the partially set material. If over coating is required, a minimum of 30 minutes (or sufficient time has allowed the material to set) must be allowed before re-applying additional coats.

Wetting of the **EM350 – Lime Plaster Base** prior to application of the material is allowable, providing the wetting of the wall is done well in advance of the finish material application and there is no standing water on the surface prior to application.

**IMPORTANT:** Do not re-use mixed material for following coat. Re-Mix fresh material.

Over-trowelling of the EM450 may result in bubbles appearing under the surface. If bubbles appear refrain from additional trowelling of the material, under normal circumstances the bubbles will disappear as the material cures.

Various effects can be achieved using this material and hand applied techniques, consult EZYMIX staff for range of effect options.

### Yield Information\*

<b>Mortar Group</b>	P IC in accordance with DIN 18550	Pressure Strength	≥ 1.0 N.mm <sup>2</sup>
<b>Water Demand</b>	41-49% or as required to achieve a workable mix		
<b>Fresh Mortar Volume (V) (mixed with water)</b>	820 litres of fresh material per 1T		
<b>Applied to Wall</b>	400m <sup>2</sup> per T @ 2mm thickness (approx.)		
*Figures stated on TDS are given as a guide only. Values quoted on flat substrates where no deviations are present. Values coated indicate a single coat only. Over coating will alter Yield.			

## Storage

The material must be kept dry and sealed, stored off the floor in a manner where moisture cannot come into contact with the bag or its contents.

This Product has a shelf life of **9 months** after date of manufacture if stored as detailed above.

## Quality Control

EZYMIX – EM450 is manufactured to specification in New Zealand by Nu-Age Plaster Ltd utilising automated weighing and batching equipment in conjunction with Telarc Q Base quality control regime, the manufacture of this product is guaranteed.

If unsatisfied with any EZYMIX Materials please contact.

## Additional Information

**EM350 - EZYMIX Lime Plaster Base** and Range of Finishes when applied in accordance with specifications provide outstanding characteristics to the health of the occupant in the home. The range of **EZYMIX Lime Plasters** provide a steady humidity in a space by allowing fine water vapour from humid air to enter the plaster where it is stored and released when the humidity drops. This delivers a more constant humidity to the occupants resulting in cleaner, more comfortable conditions for all to live in.

It is the applicators responsibility to apply the materials in accordance with the stated and published literature.

It is also the applicator responsibility to ensure that the latest applicable information has been obtained in regard to EZYMIX products and Materials.

Contact **EZYMIX** prior to the application of any **EZYMIX** products and materials for up-to-date and knowledgeable Technical Assistance.