

# RestoFix<sup>®</sup> RPM HI

Readymade Heat & Sound Insulation Mortar



STP Limited

## Description

RestoFix<sup>®</sup> RPM HI is a single component cementitious ready to use mortar.

RestoFix<sup>®</sup> RPM HI is used for internal and external plastering to provide effective sound and thermal insulation.

## Characteristics

Water to powder ratio	0.22	Theoretical coverage*, Kg / m <sup>2</sup> per 10 mm thickness of dry plaster	14
Compressive Strength, 28 days, N / mm <sup>2</sup>	7		
Thermal Conductivity, W / mK		Thickness, mm	
• 35 °C	0.068	• Minimum	6
• 200 °C	0.192	• Maximum	25

\* Depending upon surface condition.

## Application

- As a ready mix heat & sound insulating plaster for all external and internal applications.
- Can be used for new and old masonry.
- Theater hall / Auditorium plastering.

## Advantages

- Easy to use, pre-mix, only water is to be added
- Excellent thermal insulation characteristics
- Excellent sound insulation characteristics
- Good surface finish
- Usable on wide range of surfaces
- Fast setting
- No surface cracks

## Application Methodology

### ➤ Surface Preparation

- Remove all loose traces of concrete or mortar, dust grease oil, algae and moss.
- Moisten the surface if it is totally dry.

### ➤ Material Preparation

- Mix RestoFix<sup>®</sup> RPM HI with 6 L water in a forced action pan mixer, or with a helical paddle attached to a low speed mixer for 3 minutes until a lump free, thixotropic consistency is achieved.
- For better workability additional water up to 500 ml. per bag of 25 kg can be added.
- Allow the mortar to rest for 2 – 3 minutes and then remix briefly before applying with trowel / wooden flat.

## Application of Material

- Preferably apply prepared RestoFix<sup>®</sup> RPM HI when the ambient temperature in the range of 10 to 40 °C
- Ensure that prepared substrate is SSD condition before applying RestoFix<sup>®</sup> RPM HI.
- Apply RestoFix<sup>®</sup> RPM HI by trowel / wood flat.
- Apply mix product directly to the prepared substrate.

## Cleaning & Maintenance

- Clean all tools immediately after use with water.
- Do not allow the material to harden

## Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

## Packing

Available in 30 Kg HDPE bag.

## Storage

Store in a cool dry place, under shed, away from heat.

## Shelf Life

6 months in original unopened sealed condition.



- Product Range**
- Waterproofing & Insulation
  - Road Surfacing
  - Sealants & Adhesives
  - Pipeline Coatings
  - Protective/Anti-Corrosion Coatings
  - Epoxy and Flooring
  - Grouts and Admixtures (GARA)
  - RestoFix - Repair/Rehabilitation
  - Other Construction Chemicals



**Advisory Cell: +91 81302 81114**

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