

# MAITE

INSULATION ADHESIVE, BASE COAT AND FINISHING COAT  
USED WITH THE PAREX THERM & PAREX DIRECT  
RENDER SYSTEMS

**PAREX**  
Building expertise, together



## DESCRIPTION

MAITE is a highly flexible multi-purpose coloured, breathable and weatherproof mortar in powder form ready to mix with water. It can be used for a range of applications but is intended to be used in the PAREX THERM and PAREX DIRECT render systems and the PAREX brick slip solutions. It is suitable for;

- adhering the insulations.
- creating a base coat with the 355 AVU mesh.
- creating decorative coloured finishes by hand or spray machine.
- using as a dash receiver with the MARBRI dash aggregates.
- adhering PAREX profiles.
- adhering brick slip panels and brick slips

With its granulometric curve, MAITE has about 50% more polymer than other leading brands, providing a highly ductile, weather resistant and high grab factor material enabling it to be built up in thin layers for sticking to a multitude of substrates.

## SUBSTRATES

### SUITABLE FOR

- PAREX THERM external wall insulation systems.
- PAREX brick slip systems.
- Approved insulations of expanded polystyrene, mineral wool, phenolic, wood fibre and applications conforming to Technical Approvals.
- Insulated concrete formwork systems (ICF)<sup>1</sup>.
- Old EW1 systems with thin coatings in need of renovation.
- Siniat GTEC Weather Defence - BBA approved systems with the PAREX THERM render systems.
- PAREX approved render boards<sup>2</sup>.
- Cast in-situ concrete - prepare with MICRO GOBETIS 3000.

- Lightweight aircrete blockwork - prepare with MICRO GOBETIS 3000.
- Concrete blockwork.
- Durisol interlocking modular blocks.
- Brickwork and stonework - May require the use of MICRO GOBETIS 3000 or 751 LANKOLATEX.
- For bonding the Parex PROFILES to masonry or render substrates.
- As a base coat for the coating of phenolic, XPS and EPS foam shapes and decorative profiles.
- As an adhesive and base coat for other insulations, e.g. cork, wood fibre etc. Check with Parex Technical Department.

<sup>1</sup> ICF is generally made from moulded / extruded EPS which has a shiny surface finish not suitable for receiving a render finish. Before applying the render, make sure the ICF receives a light sanding to create a roughened surface.

<sup>2</sup> Due to potential mould growth issues and possible associated health concerns Parex do not recommend for external applications the use of cement particle boards, boards that have wood particles or boards containing any form of wood fibre. These types of board are generally prone to dimensional instability making them unsuitable for render applications. Consult PAREX for a range of suitable render boards.

## TECHNICAL CHARACTERISTICS

Coloured or white cement based powder of micronised vinyl copolymer, calcareous and siliceous sands, co-polymer mineral pigments and specific admixtures.

- MVA of fresh mortar: 1500 ± 100 kg/m<sup>3</sup>
- Granulometry : 0 - 1.6mm

### PERFORMANCES

- Reaction to fire : A2

For full performance details, refer to the particular PAREX THERM and PAREX DIRECT system.

## SUPPORTING PRODUCTS

- 355 AVU reinforcement mesh
- 358.10 AVR heavy duty reinforcement mesh
- MICRO GOBETIS 3000 or FIXOPIERRE - Primer/suction control/sealer/bonding coat
- 751 LANKOLATEX - Primer/suction control/sealer/bonding coat
- WEATHERTECH WEATHERSEAL Trowel-On, Spray & Roll-On - Flexible joint sealer & liquid membrane

## INSTRUCTIONS

The applications must conform with the specifications and instructions for the PAREX THERM and PAREX DIRECT render systems and as detailed in the European Technical Approvals, the BBA and IAB certifications.

### EQUIPMENT REQUIRED

- Slow speed electric paddle mixer.
- Stainless steel smoothing trowel and spatula.
- Stainless steel notched plastering trowel (trapezoid notches of 8mm).
- Spray render machine - can also be used for applying the decorative Textured or Smooth Textured finish.

Clean tools in water after use.

### PRODUCT PREPARATION

- Water dosage: about 5.1 litres of clean water per 30 kg bag.
- Mixing: about 5 minutes to create a creamy smooth consistency..
- Rest time: 5 minutes before use.
- Mixture usage: 30 minutes depending on climatic conditions

A full range of project specifications for different substrates and systems using Parex products are available through the NBS Scheme or directly from Parex Ltd. Visit the Parex website for regular updates, a Pre-Render Inspection form or refer to the PAREX TECHNICAL INFORMATION SHEETS for additional guidance.

## APPLICATION

### MAITE has the following uses:

- As an adhesive for bonding insulation, either with dabs or as a full adhesive notched layer.
- Creating a reinforced base coat for the PAREX THERM, PAREX DIRECT renders systems and PAREX brick slip systems or alternative brick slip systems when used.
- For creating a decorative sprayed top coat finish, from a heavy wet cast appearance to a Tyrolean effect or as a bonding coat for the MARBRI dry or wet dash render systems.
- Creating a reinforced, coloured base coat for the MARBRI dry or wet dash render systems.

### As an adhesive for the PAREX THERM Mineral, PAREX THERM Acrylic, PAREX THERM Marbri render systems and PAREX brick slip systems:

- Notched** - Suitable when applying to flat substrates or on render board applications - Apply a minimum 3 mm layer onto the back of the insulation board and using an 8mm notched plastering trowel create vertical strips in the adhesive. Immediately press the insulation board onto the substrate ensuring the notched effect runs vertically as this creates a natural drainage channel system. Ensure a good bond is achieved by applying a light side to side movement to the insulation.
- Dabs** - Apply a minimum of 5 large and even thickness dabs and a perimeter layer to the back of each insulation board to provide at least 50% coverage, then apply the board to the substrate. Ensure a good bond is achieved.

### Base coat with mesh - For the PAREX THERM Mineral, Acrylic & Marbri render systems,

### PAREX DIRECT Mineral, Acrylic & Marbri render systems and PAREX brick slip systems:

- Apply a minimum of 2 layers embedding the mesh near to the front face of the base coat and in compliance with the specifications, taking into account exposure to the elements.
- Use the notched plastering trowel to ensure a regular thickness of 3 mm is created before the application of the mesh and that an even thickness is achieved after trowelling in the mesh to leave a smooth, regular, lined and level finish for DPR / REVLANE finishes, 630 CERASTONE®, and 632 SPRAYSTONE™ finishes. For receiving the EHI GM / EHI GF applications leave a combed surface finish. Minimum thickness of base coat: PAREX THERM systems: 3 - 4mm, PAREX DIRECT systems: 4 - 5mm.

### Textured/Smooth Textured finish:

- Apply a base coat with mesh as detailed above.
- Spray MAITE with the help of a spray render machine.
- The spraying is carried out in a 'tyrolean' style with a minimum of 2 coats to achieve the desired textured effect. The 'Smooth Textured' effect is obtained by passing a stainless steel smoothing trowel over the surface of the slightly hardened 'Textured' effect surface.

### MARBRI dash coat finishes

- Apply a base coat with mesh as detailed above.
- Spray or hand apply a minimum 4 - 5 mm coat of MAITE to suit the size of dash being applied. Level and line the surface.
- While the MAITE is still wet, apply the required dash finish, ensuring a full covering is achieved. If required, lightly press the dash finish into the MAITE using a floating trowel. For a wet dash effect mix the dash into the MAITE and apply as above.

### For use as an adhesive for the PAREX PROFILES decorative foam shapes:

- Mix to a heavy paste - like consistency. Apply an approximate 3 - 4mm toothed trowel layer to the back of the profile and press into place. (MAITE has sufficient adhesion to hold most shapes in place. Larger shapes may require additional support).
- Allow a minimum cure period of 24 hours BEFORE performing any additional work on the adhered shape. For full applications details consult the information detailed on the PAREX PROFILES data sheet.

### Top coat finishes:

- All DPR / REVLANE finishes, use with the DPR PRIMER or REVLANE+ REGULATEUR.
- 630 CERASTONE® - use with the 313 PRIMER.
- 632 SPRAYSTONE™ - use with the 313 PRIMER.
- EHI GM and EHI GF

## CONSUMPTION

These values are provided as guidance only and may vary subject to substrate conditions, thickness applied and system installed.

- As an insulation adhesive - 2.6 kg/m<sup>2</sup> (8.5 -11.5m<sup>2</sup> per 30kg bag)
- For making the base coat with mesh - 4.5kg/m<sup>2</sup> (4.5kg/m<sup>2</sup> (6m<sup>2</sup> per 30kg bag)
- For making a top coat finish - 2.6 kg/m<sup>2</sup> (8.5 -11.5m<sup>2</sup> per 30kg bag)

PLEASE NOTE: on uneven substrates the consumption rate may significantly increase to gain a level and lined surface.

## PRECAUTIONS

- Product intended for use by professionals.
- Do not apply:
- In ambient and substrate temperatures of less than 5°C or in excess of 30°C take additional precautions.
- Take precautions:
- On substrates exposed to direct sun or strong winds.
- On frozen substrates or in case of risk of frost.
- On saturated substrates or during rain.

The information provided in this document results from our knowledge of the products and our experience. On-site results may vary, in particular according to the product application methods adopted. Where application methods not covered by this document are used, customers must request specific additional information and/or carry out a representative test before using the products. The above-mentioned information in no way constitutes a warranty relative to the use of the products. Our general terms and conditions of sale shall prevail, in any event, on the information provided in this document. Prior to application, customers and users are requested to check that they have the latest version of this document.



### PACKAGING

30 kg bag - 40 bags per pallet.  
2-ply paper and 1-ply polyethylene.  
Re-useable wrapped pallet of 1200 kg.

### STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

### WARRANTY

Manufacturer's liability.

### REFERENCE DOCUMENTS

#### European Technical Approvals:

- ETA-04/0014 - PAREX THERM Mineral, Acrylic & Dash Systems on EPS.
- ETA-11/0110 - PAREX THERM Mineral, Acrylic & Dash Systems on Mineral Wool.
- ETA-04/0124 - PAREX THERM Mineral AMG (metal lathe) System on EPS.
- ETAG 004 2012 - PAREX THERM Mineral, Acrylic & Dash Systems on Phenolic.

#### British Board or Agreements:

- BBA 10/4725 - PAREX THERM systems on Siniat Weather Defence.

#### Irish Agreements:

- 09/0342 - PAREX THERM systems.

#### Additional certifications:

- LABC and LABSS registered details
- Premier Guarantee Warranty product approval

## HEALTH AND SAFETY

Wear suitable protective clothing, gloves and eye / face protection. This product contains materials which may cause an allergic reaction, is irritating to eyes and harmful if swallowed. In case of contact, seek medical advice. Keep out of the reach of children.

Read and follow the guidelines in the Health and Safety data sheet for this product.

## TECHNICAL ASSISTANCE

PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product.

Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.

## Technical Information

**01827 711755**

Download the technical datasheet and consult the health and safety document on: [www.parex.co.uk](http://www.parex.co.uk)