

PRODUCT DATA SHEET

Parex[®] MAITE

INSULATION ADHESIVE, BASE COAT AND FINISHING COAT

PRODUCT 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 Parextherm and Parexdirect render systems

USES

- Adhering the insulation for Parextherm EWI systems
- Creating a base coat with the standard IAVU mesh.
- Creating decorative coloured finishes by hand or spray machine.
- Using as a dash receiver with the MARBRI dash aggregates.
- Adhering PAREX[®] profiles.

PRODUCT INFORMATION

Chemical Base	Coloured or white cement based powder of micronised vinyl copolymer, calcareous and siliceous sands, co-polymer mineral pigments and specific admixtures.
Packaging	25 kg bags
Shelf Life	12 Months from date of manufacture
Storage Conditions	Dry frost free conditions
Maximum Grain Size	Granulometry : 0 - 1.6mm
Reaction to Fire	Can Achieve A2 when used as part of Parextherm or Parexdirect systems.

APPLICATION INFORMATION

Mixing Ratio	4.2 L per 25kg bag
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CHARACTERISTICS / ADVANTAGES

- High weather resistance
- high grab factor enabling it to be built up in thin layers for bonding to a multitude of substrates

APPROVALS / STANDARDS

ETA 04-0014 Parextherm EPS systems
EAA 11-0110 Parextherm SW (Stone Wool) systems

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/m² (7.1- 9.6 m² per 25 kg bag)
- For making the base coat with mesh - 4.5 kg/m² (2.9 - 5.5 m² per 25 kg bag)
- For making a top coat finish - 2.6 kg/m² (7.1- 9.6 m² per 25 kg bag)

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

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Product intended for professional use.
- It is advisable when completing the different finishes, to take into account the hardening time, which will vary according to climatic conditions.
- Avoid applications on substrates exposed to direct sun or in hot drying winds.
- Do not apply on over heated substrates. In hot condition dampen the substrate prior to application. Dampen the render after application.
- Do not apply to a frozen substrate or on thawing substrates. Do not use in freezing conditions. Take precautions during damp climatic conditions. Discolouration could occur).
- Do not apply on very wet substrates or where there are wet patches. (Discolouration could occur).
- Minimum application temperatures: +5 °C for light colours, +8 °C for dark colours.
- Over 30 °C, special precautions must be taken. In order to reduce the risk of colour differences after drying, always use the same batch number for the same façade

ECOLOGY, 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.

EQUIPMENT

EQUIPMENT REQUIRED

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

SUBSTRATE QUALITY / PRE-TREATMENT

SUITABLE FOR

- PAREXTHERM external wall insulation systems.
- PAREXDIRECT render systems

- PAREX® brick slip systems
- Approved insulations of expanded polystyrene, mineral wool, phenolic and applications conforming to Technical Approvals.
- Insulated concrete formwork systems (ICF)¹.
- Old EWI systems with thin coatings in need of renovation.
- PAREX® approved render boards².
- Cast in-situ concrete - prepare with MICRO GOBETIS 3000
- Lightweight aircrete blockwork - prepare with MICRO GOBETIS 3000.
- Concrete blockwork.
- 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 Sika Technical Department.

¹ICF 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 bonding surface.

²All Parex approved boards have an A1 fire rating. In addition, 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 also prone to dimensional instability making them unsuitable for render applications. Consult PAREX® for a range of suitable render boards.

APPLICATION

PRODUCT PREPARATION

- Water dosage: about 4.2 litres of clean water per 25 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.

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 PAREXTHERM, PAREXDIRECT 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 8 mm 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. For receiving the EHI GM / EHI GF applications leave a combed surface finish. Minimum thickness of base coat: PAREX THERM systems: 3 - 4 mm, PAREX DIRECT systems: 4 - 5 mm.

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:

- Mix to a heavy paste - like consistency. Apply an approximate 3 - 4 mm 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 REVLANE finishes, use with REVLANE REGULATEUR primer.
- EHI GM and EHI GF.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

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