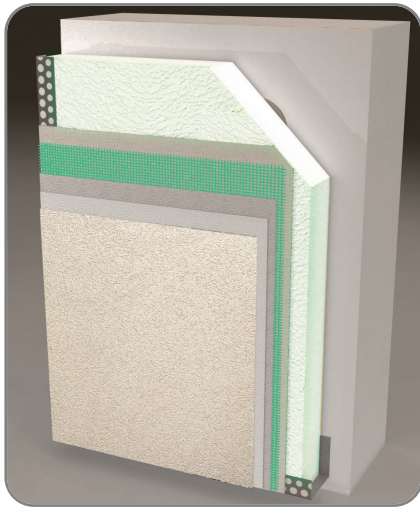


PAREX THERM ACRYLIC RENDER SYSTEMS

ACRYLIC THERMAL INSULATION SYSTEM



DESCRIPTION

PAREX THERM ACRYLIC provides a high performance anti-crack, shock proof and impact resistant insulated render system with a wide range of highly flexible finishes in an unprecedented range of colours. The system has worldwide reliability and endurance in extremely hot and cold climates retaining full flexibility in finish and design onto many substrates for new buildings and renovation projects up to and including high rise level.

- Simple to install.
- A range of insulation systems available.
- Outstanding insulating properties offering excellent economic efficiency.
- Robust, shock and impact resistant finishes.
- Multiple colours and finishes including the Parex ADVANCED MASONRY SIMULATION systems.
- Optimum protection from algae and fungi.
- BBA approved system on Lafarge GTEC Aqua Board and GTEC Render Board.
- Suitable for use in conjunction with the BREEAM Green guide (BRE Environmental Assessment Method), an accredited environmental rating scheme for buildings.
- Meets the performance criteria laid down by the NHBC Standards and Zurich Building Guarantee Technical Manual.
- Suitable for applications onto dry-stacked inter-locking modular wall units e.g Durisol - (Consult manufacturers datasheets).



PAREX

APPLICATION PROCEDURE WITH EPS INSULATION

(Application may vary slightly subject to insulation type)



- 1 Fix starter profiles (base rails) in place.



- 2 Apply the MAITE adhesive in dabs or full notched trowel backing coat to the insulation and bond to the substrate.



- 3 Checking line and level of insulation and bonding of corner beads with MAITE.



- 4 When specified, mechanically fix the insulation panels after the adhesive has dried, then apply 1st coat of MAITE base layer coating.



- 5 Bed in the 355 AVU mesh into the MAITE base coat. Ensure that the mesh joints overlap by a minimum of 100 mm.



- 6 Build up the 1st layer of MAITE to fully embed the mesh until it is no longer visible. Level and smooth with a trowel and sponge.



- 7 When required, apply a coloured base regulator 310 PRIMER or 312 SANDED PRIMER with a roller or brush (except when creating the MAITE finishes).



- 8 Apply the finishing coat of DPR, 630 CERASTONE®, 632 SPRAYSTONE™, AMS System or MAITE MONOCOMPOSANT with MARBRI dash, to the desired finish.

Consult product datasheet for full application details.

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.

- Many substrate applications - consult MAITE MONOCOMPOSANT data sheet pages 86 & 87.
- A comprehensive range of decorative finishes.

SYSTEM COMPONENTS

Product function	Product	Consumption - Subject to Substrate	Packaging
1 Mortar for bonding the insulation board 2 As a base coat with embedded mesh and as a decorative finish	MAITE MONOCOMPOSANT	Bonding: 2.6 to 3.5 kg/m ² (8.5 - 11.5m ²) per 30kg bag Base coat: 4.5 to 6.6 kg/m ² (4.5 - 6.6m ²) per 30kg bag	Pallet of 40 x 30 kg bags
3 Expandable Anchors to fix insulation (Fixings to be specified by Parex and will be subject to insulation type, substrate or when required by a Parex specification) Fixings are generally not required for EPS or EPS Graphite systems.	Fischer ETAG or similar approved fixings. Length and type to suit application	Minimum 5 per insulation panel. Subject to location, type of structure and building design	Box of 200 fixings
4 Insulating panel thickness and type to meet required thermal U value performance	EPS, Graphite EPS, Phenolic, Mineral wool, Wood fibre - insulation available from 40mm upwards in 10mm increments. Consult Parex on specific grades and requirements		
5 Mesh for base coat - Standard reinforcement - Heavy duty reinforcement	355 AVU Standard Mesh 358.10 Heavy duty reinforcing mesh	50m ² per roll 23m ² per roll - allowing for 100mm laps	Roll 50 x 1.1m Roll 25 x 1m
6 Primer (may not be required if MAITE MONOCOMPOSANT base coat is coloured to match the DPR top coat or when used with the MARBRI dash aggregate.)	310 PRIMER for DPR finishes 313 PRIMER for 610 CERASTONE®, 632 SPRAYSTONE™	150 - 185m ² /per 27.7kg bucket - subject to substrate	Pallet of 24 x 27.7kg bucket
7 - Top Coat Finishes - Sand Fine (1.0mm), Sand Coarse (1.5mm) - Swirl Fine (1.5mm), Swirl Coarse (3.0mm) - Sand Smooth (0.5mm) Multi -Textured (variable) - Simulated Dash Effect, Smooth Dash Effect - Dash finish	DPR SAND FINE, DPR SAND COARSE DPR SWIRL FINE, DPR SWIRL COARSE DPR SAND SMOOTH (Sprayed), DPR MULTI-TEXTURED 630 CERASTONE® 632 SPRAYSTONE™ MARBRI DASH	13 - 14m ² /per bucket 10 - 11m ² /per bucket 11 - 12.5m ² per bucket 6.5 - 9m ² per bucket 26 - 28m ² per bucket (when sprayed) 6 - 14m ² per bucket 8.2 - 11m ² per bucket (630 Cerastone) 8.2 - 11m ² /per bucket (632 Spraystone) Coverage will vary upon type used	Pallet of 24 x 29.5 kg bucket Pallet of 24 x 29.5 kg bucket Pallet of 24 x 29.5 kg bucket Pallet of 24 x 29.5 kg bucket Pallet of 24 x 29.5 kg bucket Pallet of 24 x 29.5 kg bucket Pallet of 24 x 29.5 kg bucket Pallet of 40 x 25 kg bags

Spray applications of the finishes will significantly increase the coverage and provide

THERMAL CALCULATIONS

U Value and Interstitial Condensation calculations available upon request. Please provide us with the full wall make up, including material type/thickness and cavity width where applicable.



Complies with the requirements for Class 0, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000 when tested to BS 476: Parts 6 & 7. Test report numbers 189824 & 189827"



BS 476 Part 6: 1989+A1:2009
BS 476 Part 7: 1997



ENVIRONMENTAL MANAGEMENT SYSTEM: ISO 14001



Ref: No 10/4725



Ref: N° 09/0342



European Organisation of Technical Approvals. ETA 04/0014

NEW 2010 Approvals Pending.

ACCESSORIES

Product function	Product	Packaging
Starter profile/rail Aluminium - length 3m Galvanised powder coated - length 2.5m Stainless steel - length 2.5m	Variable widths profiles to suit the insulation and render thickness. Available in powder coated galvanised, stainless steel and aluminium. All profiles can be colour matched powder coated. Special corner sections available.	Box quantity will vary dependant upon insulation width.
Stop profile - Aluminium - length 2.5 m - PVC with mesh - length 2.5 m	Variable widths profiles to suit the insulation and render thickness. Available in powder coated galvanised, stainless steel and aluminium. All profiles can be colour matched powder coated. Special corner sections available.	Box quantity will vary dependent upon insulation width.
Corner bead	Aluminium - length 2.5m PVC with mesh - length 2.5m	Box of 25 x 2.5 m Box of 50 x 2.5m
Vertical movement joint	A range of coloured UPVC beads are available in 2.5 & 3.0m lengths	Box of 25 x 2.5m Box of 25 x 3.0m
Horizontal movement joint	SPECIAL PROFILE - manufactured to suit project requirements - corner connections available.	Box quantity will vary upon insulation width
Mesh and bead fixings A range of specialist beads and profiles are available to meet particular construction demands. e.g. Fire breaks etc.	FIRTREE FIXINGS Place fixings sufficient to hold the mesh and bead.	Box of 1000 fixings