

Proteus

WATERPROOFING



PROTEUS HOT MELT® SYSTEM



Design | Develop | Deliver



Proteus Hot Melt® is a hot-applied modified bitumen waterproofing system. It is assessed under BBA Agrément Certificate 22/6186 for use in zero falls roof configurations, subject to the conditions set out within the Certificate.

Proteus Hot Melt® has it covered

Proteus Hot Melt® is a waterproofing system designed for use in inverted and protected roof applications, which are particularly suitable for large flat roof decks. It is why Hot-Melt waterproofing has been widely installed on many of the UK's most prestigious developments for more than 40 years.

Proteus Hot Melt® is designed to provide durable waterproofing performance for the service life of the roof system, subject to specification and maintenance. It forms a flexible monolithic waterproofing membrane, with self-healing characteristics meaning water cannot track under the membrane.

⚙ Proteus Hot Melt® waterproofing is a buried structural waterproofing membrane and can incorporate insulation and finishes for inverted roofs such as green or ballasted roofs. It does not brittle with age, therefore once protected from UV exposure the membrane offers waterproofing performance for the service life of the roof system, subject to specification and maintenance.

Benefits

- **No naked flame**
- **Forms a continuous waterproofing layer upon cooling following installation**
- **Can be laid over flat decks**
- **Self-healing**
- **Seamless, monolithic bond**
- **Offers waterproofing performance for the service life of the roof system, subject to specification and maintenance**
- **Can be laid over Green Concrete 3 days old**

Applications

- **Precast and in-situ concrete**
- **Concrete block for vertical applications**
- **Lightweight structural concretes**

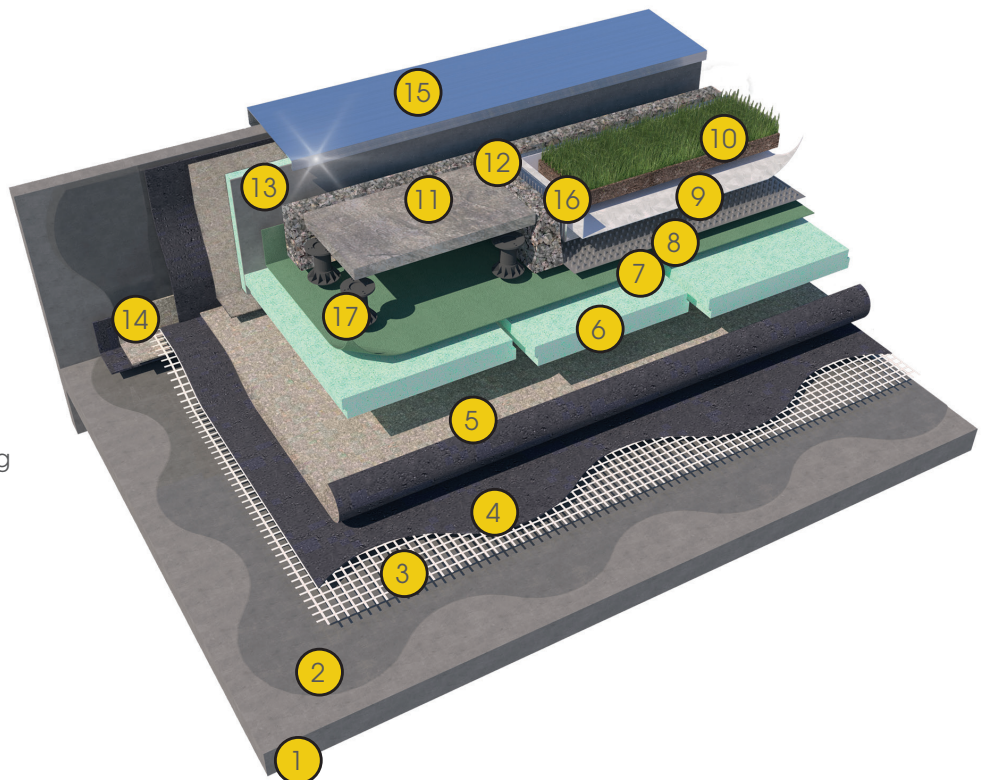
Note: Lightweight insulating concretes are not acceptable substrates.



The Hot Melt waterproofing compound is a buried structural waterproofing membrane and forms the waterproofing to the Proteus Hot Melt® system, incorporating insulation and finishes for inverted roofs such as green or ballasted roofs.



- 1 Deck
- 2 Pro-Prime Bitumen
- 3 Proteus Hot Melt® Force
- 4 Proteus Hot Melt® Compound
- 5 Proteus Hot Melt® Sanded Capsheet / Proteus Anti-Root Capsheet
- 6 Proteus Pro-Therm XPS
- 7 Proteus Low-K Water Reducing Layer
- 8 Proteus Pro-Living® Drainage Layer
- 9 Proteus Pro-Living® Filter Fleece
- 10 Proteus Pro-Living® Green Roof Covering
- 11 Hard Landscaping / Paving
- 12 Washed Rounded Ballast
- 13 Proteus Cement Topped XPS
- 14 Proteus Hot Melt® Soaker Detail
- 15 Metal Capping
- 16 Proteus Pro-Living® Drainage Trim
- 17 Proteus Pedestal



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Manufactured in the UK and Europe, Proteus Waterproofing is a specialist waterproofing systems supplier in the waterproofing market. Proteus Waterproofing is a single source systems supplier, with an array of hot and cold-applied waterproofing and protection systems. The company's comprehensive product range is suitable for roofs, balconies, terraces, walkways and podium decks. We offer a wide range of systems suitable for a wide range of environmental conditions and provide an effective waterproofing solution for both refurbishments and new builds.

Experts in all forms of liquid applied and bituminous membrane roofing and waterproofing, Proteus Waterproofing is adaptable to each client's individual needs and circumstances, and offers consistent system performance when specified and installed correctly.

Total Peace of Mind

Proteus Waterproofing roofing systems are assessed and certified by recognised third-party bodies, including BBA certification for our liquid and felt systems, ensuring they will provide durable waterproofing performance for the service life of the roof system – subject to specification and maintenance.

Product and System Guarantees

Proteus Waterproofing presents clients with a choice of guarantees for its bespoke systems, from an offer that also incorporates enhanced independently-backed warranties, for total peace of mind.

For further information, please contact Proteus Waterproofing to discuss the most suitable option to meet your requirements.



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Registered company number: 08458402

Proteus Waterproofing's range of systems includes:

- Ⓢ *Liquid applied waterproofing: Cold Melt®, Proteus Pro-Cold, Proteus Hot Melt®*
- Ⓢ *Felts range: Proteus Pro-Felt® Ultima Plus, Extra Plus, Endura, Endura AIRdhesive*
- Ⓢ *Balconies and walkways: Pro-BW® Plus, Pro-BW® LO, Cold Melt®*
- Ⓢ *Technical Insulation Design: Proteus Pro-Therm*
- Ⓢ *Coating Protection: Pro-Cryl®*
- Ⓢ *Exterior walls waterproofing: Monosil, Monodex, Monodex Textured*

The Proteus Waterproofing Specification includes:

- Ⓢ *On-going technical support*
- Ⓢ *Comprehensive guarantees*
- Ⓢ *Free roof evaluation service*
- Ⓢ *Roof condition surveys, reports, and bespoke specifications*
- Ⓢ *Expert advice on low maintenance solutions*
- Ⓢ *Site survey and design stage involvement*
- Ⓢ *Thermal value calculations to building regulations Part L*
- Ⓢ *Tapered insulation scheme design*
- Ⓢ *Wind uplift calculation*
- Ⓢ *Building regulations Part B (fire) compliance options*

The Proteus Waterproofing service package includes:

- Ⓢ *Detailed specifications calculation*
- Ⓢ *National contractor base*
- Ⓢ *Technical manager inspections throughout the project installation and sign off*