



# Proteus

Waterproofing



PROTEUS  
HOT MELT®  
SYSTEM





Proteus Hot Melt® Waterproofing Systems are very flexible monolithic waterproofing membranes manufactured from a special blend of bitumen, synthetic rubbers, polymers and other additives.

### Proteus Hot Melt® has it covered

Advanced Proteus Hot Melt® delivers fast, economical and reliable waterproofing solutions 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

New build Hot Melt delivers exceptionally long life expectancy, excellent waterproofing performance and competitive installation costs. As a strong and flexible monolithic system, it also has self-healing characteristics to offer ultra-low maintenance as water cannot track under the membrane.

Proteus Hot Melt® waterproofing has been engineered as 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 is expected to outlast the life of the building.

### Benefits

- *Fast and straightforward application*
- *No naked flame*
- *No on-site curing time required*
- *Can be laid over flat decks*
- *Self-healing*
- *Seamless, monolithic bond*
- *Lasts the lifetime of the building*
- *Can be laid over Green Concrete 3 days old*

### Applications

- *Precast and in-situ concrete*
- *Concrete block for vertical applications*
- *Lightweight structural concretes*
- *Lightweight insulating concretes are not acceptable substrates.*

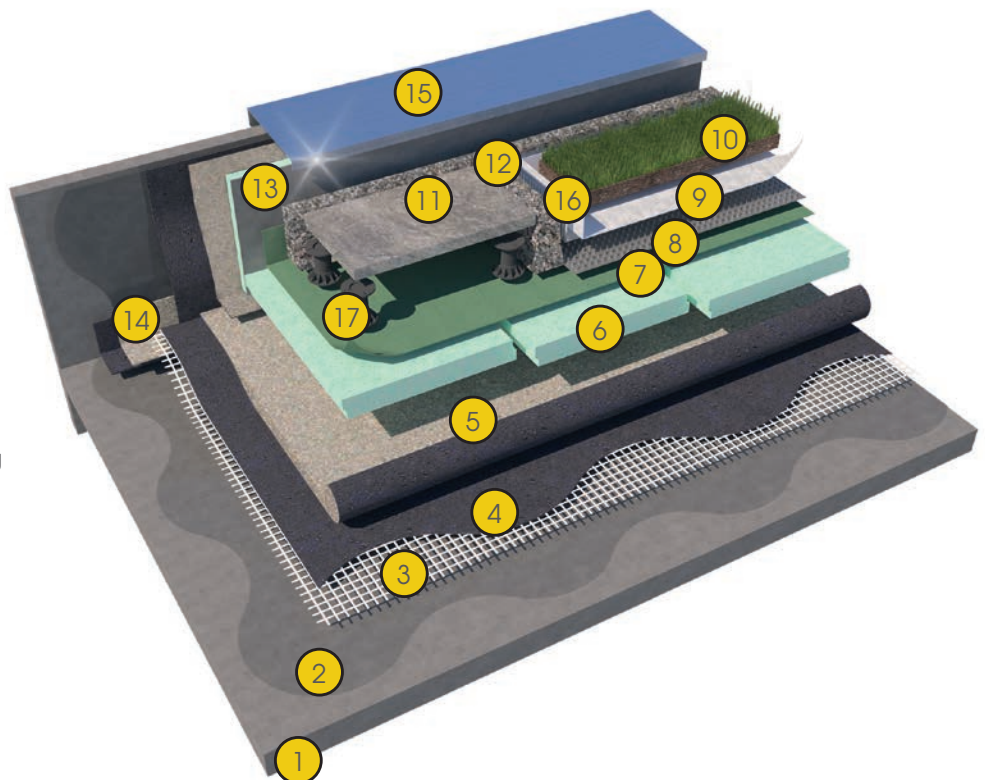




The Hot Melt waterproofing compound has been engineered as a buried structural waterproofing membrane and forms the waterproofing to the Proteus Hot Melt® system, incorporating insulation and finishes for inverted roofs such as green or ballasted roofs.



- 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





# Proteus Waterproofing

Manufactured in the UK and Europe, Proteus Waterproofing is one of the most innovative, fast growing companies in the waterproofing market. Proteus Waterproofing is a single source supplier, with an array of hot and cold-applied waterproofing and protection systems. The company's comprehensive product range is suitable for high performance roofing, balconies, walkways and car parks. It offers a vast range of systems, that have been engineered to meet the harshest of weather conditions and provide a lasting and robust waterproofing solution, in 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 long-term performance product reliability and a simple installation as standard.

## Total Peace of Mind

Proteus Waterproofing roofing systems are tested to the most rigorous international standards, ensuring they will outperform the initial design life. This will give your project a durable, reliable and long-lasting waterproofing finish, that will last for many years to come, providing excellent value to clients and building owners.

## Guaranteed Performance

Proteus Waterproofing presents clients with a robust 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.



### Proteus Industrial Technologies Ltd.

21a Sirdar Road, Brook Road Industrial Estate, Rayleigh, Essex SS6 7XF

T: +44 (0) 1268 777871

F: +44 (0) 845 2991215

enquiries@proteuswaterproofing.co.uk

[www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)



@Proteus\_UK

Registered Office: 21a Sirdar Road, Brook Road Industrial Estate, Rayleigh, Essex. SS6 7XF.  
Registered company number: 08258719.



### Proteus' range of lasting and robust systems includes:

- *Liquid-applied waterproofing: Proteus Pro-System® Plus*
- *Inverted roof waterproofing: Cold Melt®, Proteus Hot Melt®*
- *High performance felts: Proteus Pro-Felt®, Ultima, Ultima Plus, Endura*
- *Balconies and walkways: Pro-BW®*
- *Car park decking systems: Deckmaster*
- *Coating protection: Pro-Cryl®, Pro-Solar Reflect*
- *Exterior walls waterproofing: Monodex, Textured Monosil*

### The Proteus Waterproofing Specification includes:

- *On-going technical support*
- *Comprehensive guarantees*
- *Free roof evaluations 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*
- *National contractor base*
- *Technical manager inspections throughout the project*
- *Installation sign off*