

Elastaseal™

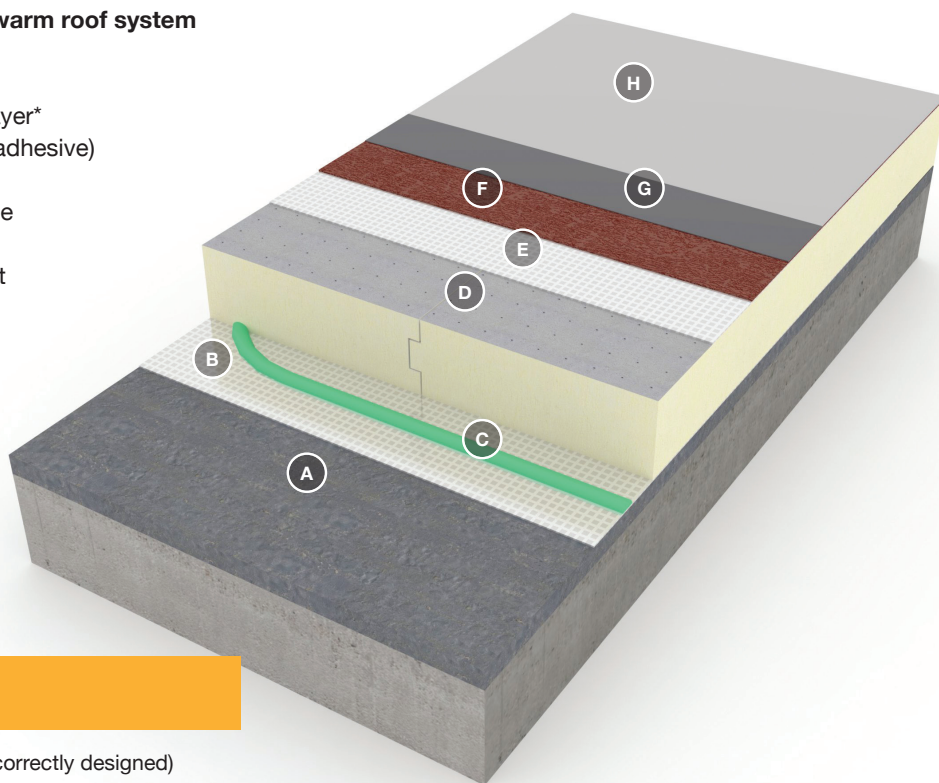
Warm Roofing System

System data sheet

Typical build-up of the Elastaseal™ warm roof system

- A** - Prepared existing roof substrate
- B** - Torvap VCL / CM Vapour control layer*
- C** - Elastaseal FIA (foaming insulation adhesive)
- D** - Tortherm Thermal insulation panel
- E** - Torvap VCL / CM Carrier membrane
- F** - Elastaseal embedment coat with Elastamat glass fibre reinforcement
- G** - Elastaseal top coat
- H** - Additional Elastaseal top coat (for 20 year plus systems)

* Optional - dependent on existing roof condition



Features

- Reduces heat loss from building (when correctly designed)
- Allows Compliance with Building Regulations (Part L) and Environmental Protection Act (EPA)
- Cold liquid applied - no hot works on roof
- Easy to apply and detail
- Can be applied over most roof types
- Up to 25 year systems available
- Quickly resistant to rainfall
- Permanently elastomeric
- Joint free
- Excellent resistance to ponded water
- Fibre reinforced for maximum film strength
- Insurance backed guarantees available

What does the system include?

Vapour Control

Layer (not always necessary).

Tortherm Insulation Board Correctly specified for thermal performance with carrier membrane.

Elastaseal FIA Insulation Adhesive

Carrier Membrane Correctly specified for thermal performance, featuring a tongue and groove detail for improved roof aesthetics. some insulation / carrier substrates.

Embedment Coat Elastaseal™ embedment coat is the base waterproofing layer reinforced with Elastamat™ glass fibre mat.

Topcoat Use as necessary to complete the system for the desired life expectancy.

What does it do?

Elastaseal™ Roof Waterproofing Systems have been developed to solve the problems associated with the long-term waterproofing of flat roofs, pitched roofs and gutters.

They provide flexible, durable, long-lasting protection for up to 25 years before first full maintenance, depending upon which system is specified.

The systems provide a cold liquid applied, breathable, seamless finish, which moves with the roof and allows vapour release from the existing substrate.

When used in combination with the appropriate insulation and vapour control layer, a warm roofing system can be easily created. These warm roofs are designed to allow compliance with the building regulations (Part L) and increase the thermal efficiency of the building, which in turn reduces carbon emissions.

Product appearance

Smooth, plain colour, mid sheen finish.



Elastaseal™ System 25

Technical information

	Elastaseal™ Fibretek	Elastaseal™ Embedment Coat	Elastaseal™ Top Coat
Typical coverage* (per coat)	1-1.25m ² per litre	1-2m ² per litre	1- 2m ² per litre
Application	Brush / roller	Brush / roller / airless spray	Brush / roller / airless spray
Pack size	12.5 Litres	12.5 Litres	12.5 Litres
Touch dry	4 hours	4 hours	4 hours
Hard dry	16 hours	16 hours	16 hours
Minimum overcoating time	8 hours	12 hours	12 hours
Maximum overcoating interval	7 days	5 days	7 days

* coverage rate may vary depending on substrate condition, environment etc

How to specify

Refurbishment

Due to the high number of possible substrates and varying conditions in which they can be found, Tor Coatings strongly recommend that a site survey is carried out to determine the exact specification required.

New build

Elastaseal™ is on the RIBA NBS+ system, please contact us if you want us to produce an NBS Formatted specification.

Tor Coatings offer a free site survey service, and all of our Area Business Managers are fully trained and able to carry out full site assessments. A detailed and bespoke specification will then be issued.

Contact Tor Coatings on **0191 410 6611** to arrange site surveys.

The Tor service available to you

- Unrivalled expertise and knowledge
- Nationwide team of area managers / technical personnel
- Free site survey
- Free specification service (NBS format also available)
- On-site technical back-up on live projects

Technical support

Tor Coatings' national team of Area Business Managers is supported by a dedicated customer services team, a team of experienced paint chemists and a dedicated technical help desk. Call **0191 411 3148** for assistance from our helpdesk or visit www.tor-coatings.com to find out more.

Where can it be used?

Refurbishment

Elastaseal™ can be used over many types of traditional roofing materials such as:

Felt, asphalt, bitumen, asbestos cement sheet, fibre cement sheet, concrete, single ply membranes, profiled metal sheets etc.

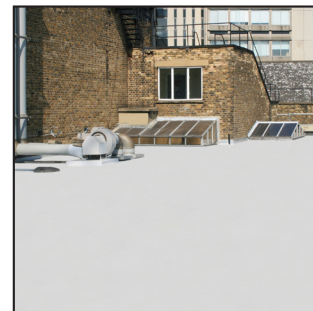
New build

Used in combination with steel, concrete, screeded or timber constructed roofs.

Buildings

Elastaseal™ Roof Waterproofing Systems are ideally suited for refurbishing and protecting weathered, worn and damaged substrates on many types of building:

- Powerstations and sub-stations
- Retail units
- Warehouses and distribution centres
- Factories
- Schools and colleges
- Hospitals and care homes
- Garages/forecourts
- Social housing
- Chemical/pharmaceutical plants



Providing Practical Solutions

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