

Intelligent waterproofing for balconies and walkways

System guide

Introducing Elastadeck™

Our vision was to create the ultimate balcony and walkway refurbishment system. One that addressed everything that is important to specifiers and end users.

With new Elastadeck™ that vision is now a reality.

The result of over four decades of on-site experience and extensive R&D, Elastadeck™ is the most sophisticated balcony waterproofing technology we've ever developed.

Its low odour, rapid cure formula delivers the fastest installation time of any system on the market. Breakthrough resin technology delivers a tough, slip-resistant surface with unparalleled waterproofing that is guaranteed for 15 years.



Fuss-free
installation



Rapid
completion



100%
waterproof



Durable &
slip-resistant



Ultra low
odour



Guaranteed
performance

“Elastadeck™ offers the fastest installation time ever seen in a balcony coating system.”



APPLICATION

Elastadeck™ is designed for the resurfacing and waterproofing of communal and private balconies, walkways, terraces and external escape routes. It can be applied over existing substrates or incorporated into warm or inverted designs, allowing for insulated decks or paved surface finishes. It is particularly suited to social housing and can also be specified for balconies and walkways in hotels, hospitals and shopping centres and access areas in car parks.

INSTALLATION

Elastadeck™ offers the fastest installation time ever seen in a balcony coating system. It can be installed in as few as two coats. Fast cure, low odour technology means projects can now be completed in record time, with minimal inconvenience, saving on costs.

PERFORMANCE

Elastadeck™ systems use fully reinforced moisture-triggered polyurethane technology to provide a walkable waterproofing membrane. They are based on our high performance Elastaseal™ Z roof waterproofing systems, but offer accelerated curing times which adds speed and efficiency to balcony and walkway projects. Being liquid applied, they are able to encapsulate every detail seamlessly, providing a breathable, flexible slip-resistant, waterproof surface.

To deliver maximum durability, the resin system is aggregated with white aluminium oxide grits. This slip resistant material is second only to diamond in hardness and provides an incredibly durable surface that outperforms systems which incorporate quartz. It also has an exceptionally high Polished Stone Value (PSV) which delivers high wear resistance in situ*.

The Elastadeck™ system has a life to first major maintenance of 15 years but we can also demonstrate that using this aggregate has delivered almost 20 years of continuous use on balcony sites in the UK.

*Aluminium oxide has a rating of 9-9.5 on the Mohs hardness scale (quartz measures at 7, with diamond being 10). Polished stone value (PSV) is 70 compared to a typical quartz PSV of 30-55



Elastadeck™

Communal balcony and walkway system

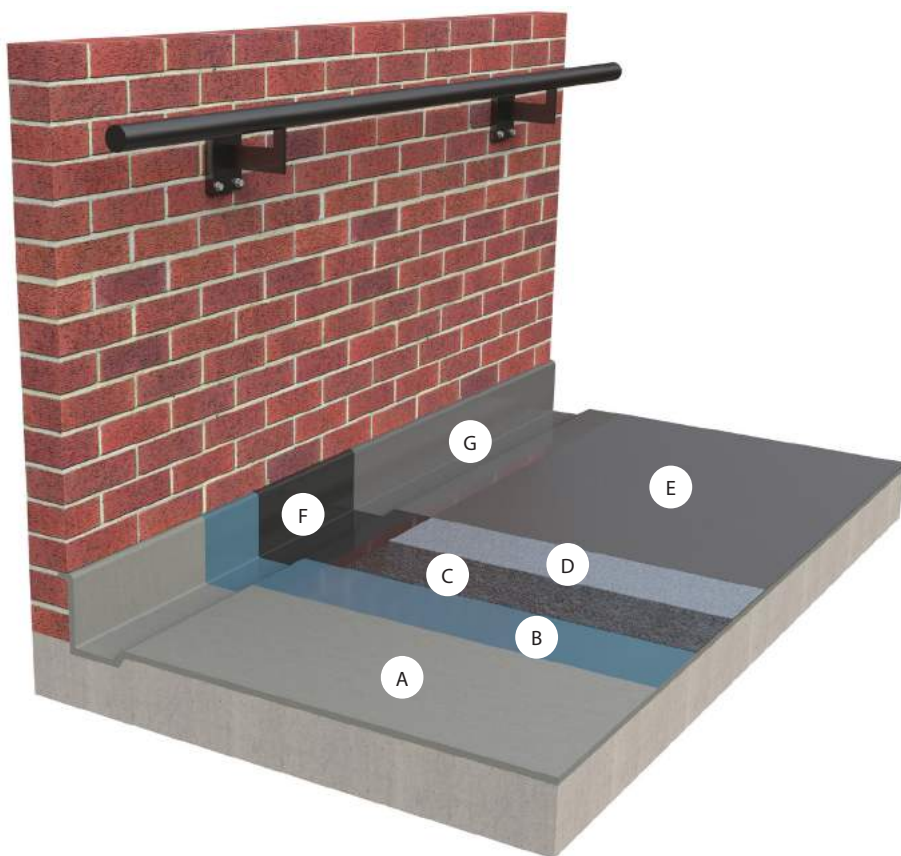
KEY FEATURES

- ▶ 2 Coat system*
- ▶ Fast cure layers (60-90 minutes 'walk on' time)
- ▶ Low odour system
- ▶ Fully reinforced, seamless waterproofing system
- ▶ Slip-resistant
- ▶ Highly durable 15 year system
- ▶ Full range of low odour Primers
- ▶ Smooth fast cure edge detail system

STANDARD SYSTEM COMPONENTS

- A** Prepared existing substrate
- B** Optional Primer*
- C** Elastadeck™ Mat chopped GRP reinforcement embedded in Elastadeck™ Walkway Gritcoat
- D** 30 mesh aluminium oxide grit
- E** Elastadeck™ Walkway Topcoat
- F** Elastadeck™ Edge Detail Basecoat
- G** Elastadeck™ Edge Detail Topcoat

*Primer only needed on porous or metallic surfaces





Elastadeck™ PB

Private balcony system

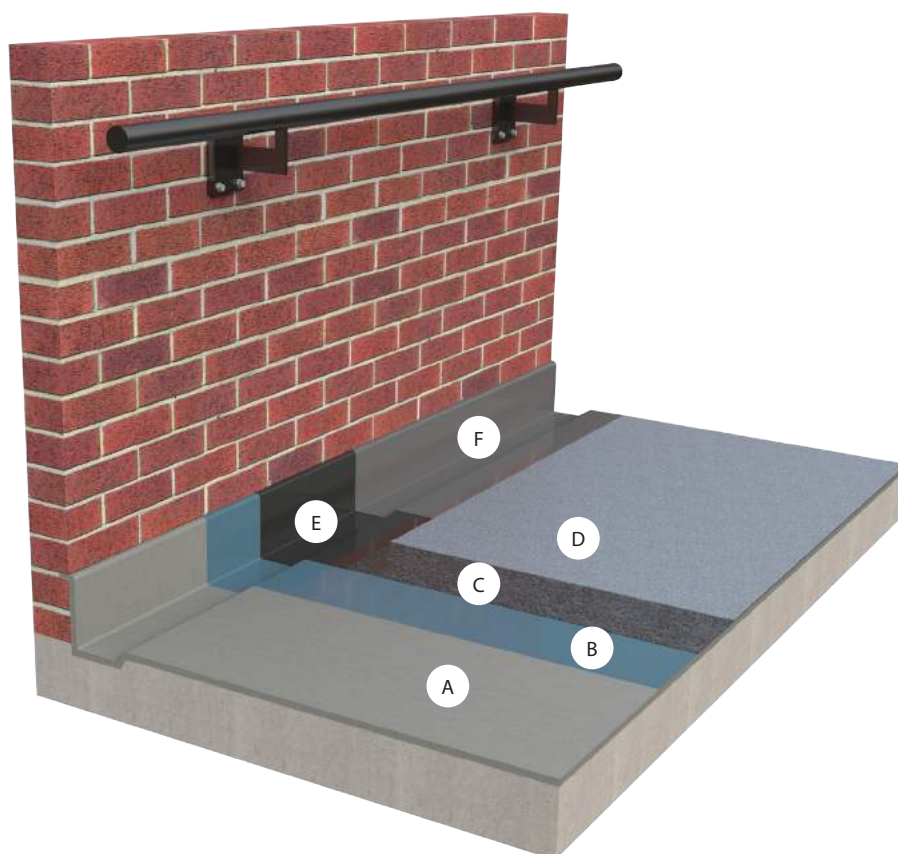
KEY FEATURES

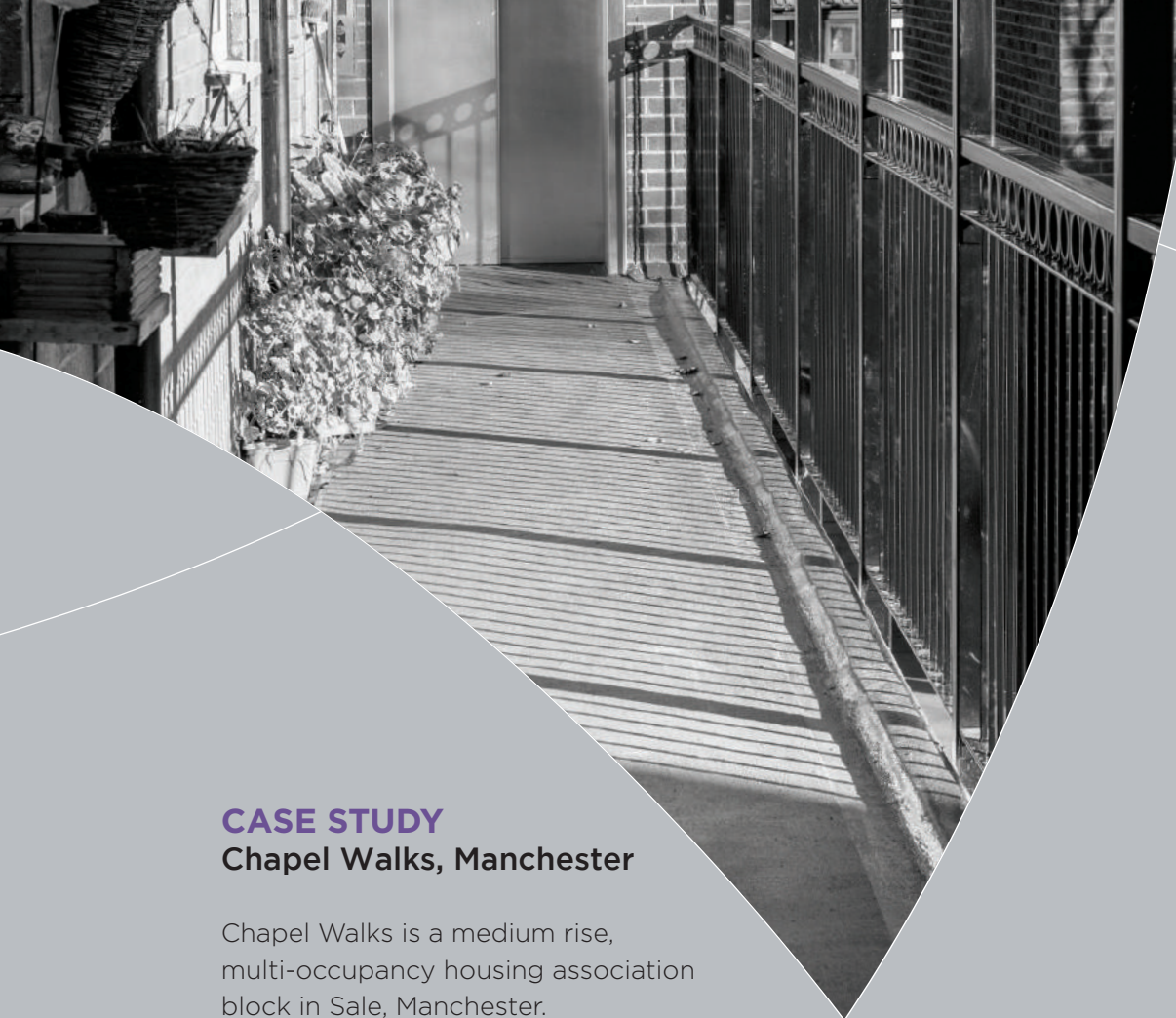
- ▶ 1 or 2 Coat system*
- ▶ Fast cure layers (60 minutes 'walk on' time)
- ▶ Low odour system
- ▶ Fully reinforced, seamless waterproofing system
- ▶ Slip-resistant
- ▶ Durable 10 year system
- ▶ Full range of low odour Primers
- ▶ Smooth fast cure edge detail system

STANDARD SYSTEM COMPONENTS

- A** Prepared existing substrate
- B** Optional Primer*
- C** Elastadeck™ Mat chopped GRP reinforcement embedded in Elastadeck™ Walkway Gritcoat
- D** 50 mesh aluminium oxide grit
- E** Elastadeck™ Edge Detail Basecoat
- F** Elastadeck™ Edge Detail Topcoat

*Primer only needed on porous or metallic surfaces





CASE STUDY

Chapel Walks, Manchester

Chapel Walks is a medium rise, multi-occupancy housing association block in Sale, Manchester.

The existing asphalt walkways serving the individual flats were showing signs of deterioration. For many years there had been leaks and water had damaged the underlying structure.

The client had not previously undertaken any waterproofing repairs due to the potential for disruption to the tenants by the removal of the existing asphalt coating. An additional concern centred around the hot works that would have been required if resurfacing with new asphalt.

The Elastadeck™ balcony System was chosen for its overall appearance and durability, speed and ease of installation, and low odour application in this type of environment. The system specified not only produced a new fast curing waterproofing membrane, stopping the water ingress, but the inclusion of a coloured, slip-resistant surface ensured that the walkways are also safe for the tenants in wet conditions.

With the inclusion of a Single Point Guarantee for 15 Years, the chosen system gave peace of mind to the client.

“Chapel Walks is a medium rise, multi-occupancy housing association block in Sale, Manchester. It provides sheltered accommodation to adults and is open 24 hours a day.”

Expert guidance and assistance from start to finish

We're involved in every stage of your project, taking you from initial planning stages, through to recommending a Tor Partner Contractor. By supplying our own technologies and overseeing the installation to completion, we deliver outstanding service, time and time again.



TOR
COATINGS

15
YEAR
WARRANTY

OUR SERVICE

Our team of site specialists will meet with you to discuss your refurbishment project and undertake a detailed survey of your building, noting any issues and defects, and ensuring every aspect is understood and documented thoroughly. You will then be provided with a comprehensive and bespoke written project specification. No matter what challenges are presented by your project, we will tailor a solution to ensure your needs are met in the most cost effective and efficient way.

We are extremely proud of our comprehensive and innovative range, so it makes sense that we want to retain close working relationships with our clients to ensure great after-care is carried out for years to come.

We are pleased to offer TorGuard™, our Insurance-backed guarantee policy on Elastadeck™ systems. TorGuard™ guarantees are delivered by a combination of highly experienced coatings specification managers who will discuss your requirements and inspect your site prior to agreeing the required coating system.

It is then necessary that these systems are installed by our approved Tor Partners contractors. Length of cover is dependant on the products and system chosen.

We insist on monitoring the various stages to ensure compliance with the criteria of both our single-point and insurance-backed guarantees.



The scale to deliver

We have been in business for four decades, and are part of RPM International, one of the world's largest protective coatings groups. Our customers know we have the resources and technology to support them, and that we'll be there for many decades to come.



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