

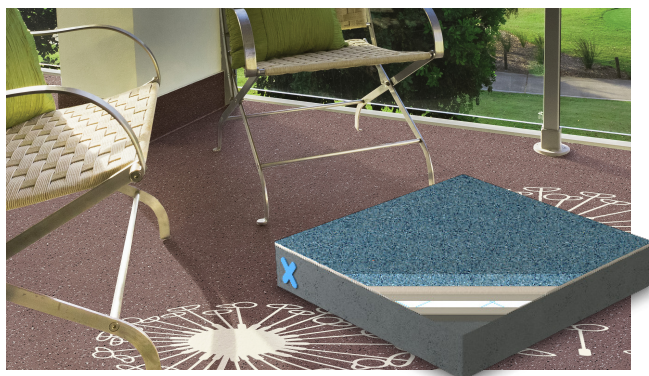


System overview

Triflex ProTerra (BTS-P) Colour Design

Designed to waterproof and surface walkways, balconies and terraces over occupied premises

Walkways, balconies and terraces over occupied space need to be reliably waterproofed to protect the structure and contents beneath, but also need to look good and be functional. The BBA certified Triflex ProTerra is the perfect answer, providing a combination of reliable, long term waterproofing, highly durable surfacing and attractive design. The system is ultra-fast curing and cold liquid applied, allowing installation to be completed quickly, without the use of hot works, and with minimal impact on users. Triflex Colour Design is one of four unique surface finishes available for Triflex ProTerra and features a coloured surface dressing and a durable satin finish. With a choice of eight distinct colour mixes, this finish creates an attractive, low maintenance, waterproof flooring solution to enhance your outdoor space.



System highlights

Dynamic crack bridging, fully reinforced, cold applied system

Triflex lead from the front. Featuring an ETA certified waterproofing membrane with unique resins with enhanced elastomeric properties and high tensile strength reinforcement, Triflex ProTerra delivers a totally waterproof solution that can accommodate movement and cracking within the structure. There is no risk from hot works during installation as all Triflex materials are applied in a totally cold liquid form, curing to create a solution that lasts.

Fast curing with rapid installation

Rapid curing and easy to install, Triflex systems allow buildings to remain fully occupied during installation, limiting access restrictions and unnecessary disruptions to everyday life. Installation can be carried out around all year round and the system still cures quickly at temperatures down to 0°C.

Low maintenance and attractive

Easy to clean and maintain, Colour Design offers an attractive and low maintenance finish that is bound to impress.

Tough and durable protection

Triflex ProTerra Colour Design is designed to withstand the demands of the walkway, balcony and terrace environment. The durable system is resistant to chlorides (salts), carbon dioxide ingress, and approved de-icing and cleaning products. Protection that's built to last, with a low lifecycle cost.

Asphalt overlay

Many balconies, walkways and terraces have historically been waterproofed using asphalt which over time will fail. Triflex has more than 30 years' experience of asphalt overlay in the UK and Triflex ProTerra is the ideal solution for directly overlaying failing asphalt to trafficked areas over occupied premises. In fact, whatever the substrate, we can provide a quick, easy and reliable overlay solution.

Safety and environmental

Our solvent and isocyanate free resin technology has been assessed under BREEAM principles and can contribute to A+ ratings.

Versatile design

Available in eight distinct colour mixes, Colour Design can be tailored to create your ideal balcony or terrace. Compatible with Creative Design, it is possible to create a truly unique finish with tile effects, motifs, borders, logos and more.

Application areas

- External walkways, balconies, terraces, pedestrian bridges and other pedestrian trafficked areas over occupied premises
- High risk areas subject to significant levels of structural movement and cracking

Suitable for

- Refurbishment
- New build
- Overlay of existing failed waterproofing systems
- Overlay of insulated (warm) constructions

Compatible substrates

- Asphalt and polymer modified asphalt
- Concrete, concrete repair materials and screeds
- Existing membranes
- Steel
- Structural plastics
- Timber

Suitable constructions

- Cast in situ concrete
- Permanent formwork with in situ concrete
- Precast concrete planks with or without structural topping
- Precast double tee units with or without structural topping
- Steel / galvanised steel / structural plastic / timber constructions
- Insulated / warm deck build-ups

Approvals

Fully certified to the highest UK and European standards and classifications, including:



BBA certified - Certificate 13/5051 Product sheet 3

Durability: Under normal service conditions the system will have a service life of at least 15 years



ETAG 005 certified (reinforced waterproofing membrane)

25 year expected working life



Root and rhizome resistant (reinforced waterproofing membrane):

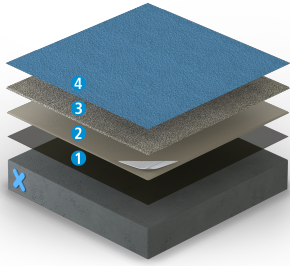
FLL Certified: Root and rhizome resistant

- Fire performance:
 - EN ISO-11925-2
 - EN ISO-9239-1
 - EN 13501-1
- NHBC accepted

Manufacturer certification

- ISO 9001 Quality Management
- ISO 14001 Environmental Management
- ISO 50001 Energy Management

System build-up and consumptions



Layer	Product	Consumption ⁽¹⁾	Aggregate / Broadcast	Overcoat / traffic ⁽²⁾
① Primers	Triflex Cryl Primer 222 / 276 / 287 / 280 White	0.40Kg/m ²	-	45 minutes
② Reinforced waterproofing (single process)	Triflex ProTerra reinforced with Triflex 110g Reinforcement	Resin: 3.00Kg/m ² Reinforcement: 1.05m ² /m ²	-	1 hour
③ Waterproof surfacing layer	Triflex ProFloor RS	4.00Kg/m ²	-	1 hour
④ Embedment layer ⁽³⁾	Triflex Cryl Finish 205	0.50Kg/m ²	Triflex Colour Mix: 0.80Kg/m ²	3 hours
⑤ Finish	Triflex Cryl Finish Satin	0.35Kg/m ²	-	2 hours

⁽¹⁾ Minimum consumption assuming a smooth, even, non-absorbent substrate.

⁽²⁾ The times stated are based on +20°C – the times will not be significantly extended at low temperatures.

⁽³⁾ Do not overlay with paint protection film or place static objects on the finish within the first 24 hours after application.

Colours and finishes

Available in a wide range of colour mixes - refer to Triflex colour card.

Next steps

To ensure a thorough understanding of the construction, the substrate and to determine the most appropriate specification, Triflex carries out free of charge surveys, testing, investigations and analysis prior to preparing a bespoke project specification proposal. To arrange a meeting or site visit please contact Triflex Customer Services.

The advice we provide on the application of our products is based on extensive development work as well as many years of experience and is given to the best of our knowledge. However, the wide variety of requirements for a building under the most diverse conditions means that it is necessary for the Contractor to test the product for suitability in any given case. Triflex reserve the right to make alterations in keeping with technical developments or improvements.

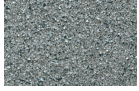


Colour card

Triflex ProTerra (BTS-P) Colour Design

Notes: There may be slight variations in shade between actual colours and those shown below.

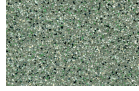
Optional finish colours: Coloured surface dressing



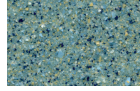
A719 Grey



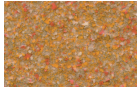
A728 Anthracite
Grey



A722 Green Grey



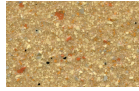
A721 Blue Grey



A724 Red Orange



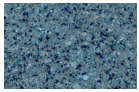
A729 Stone Red



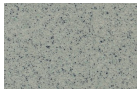
A727 Creme Beige



A730 White



A720 Blue



A731 Light Grey

Request a sample online at triflex.co.uk/samplerequest

Find out more at triflex.co.uk

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