

Triflex BTS-T

Model specification

Fast curing, thick layer, waterproofing and surfacing system for walkways, balconies and terraces over occupied premises - ETA certified fully reinforced waterproofing membrane

J31 Liquid Applied Waterproof Roof Coatings

To be read with Preliminaries / General Conditions.

Liquid Applied Waterproof Roof Coating Reference

Triflex BTS-T

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Generally

Apply Triflex BTS-T system fully in accordance with Manufacturer's System Data Sheet (Appendix), standard Sketch Details (Appendix), and project specific Sketch Details (Appendix).

Substrate Assessment

Assess substrate in accordance with Triflex BTS-T System Data Sheet.

Substrate Preparation

Prepare substrate in accordance with Triflex BTS-T System Data Sheet.

Priming

Apply Triflex primer in accordance with Triflex BTS-T System Data Sheet.

Primer reference: Triflex Cryl Primer 222 / Triflex Cryl Primer 276 / Triflex Pox R103.

Surface Repairs and Filling

Repair and fill surface in accordance with Triflex BTS-T System Data Sheet.

Filling reference: Triflex Cryl RS233 / Triflex Cryl Paste / Triflex Cryl RS240 / Triflex Cryl Mortar / Triflex Cryl Paste Mortar.

Joints between boards (timber decks only)

(delete as applicable)

Treat joints between boards on timber decks in accordance with Triflex BTS-T System Data Sheet.

Overbanding reference: Triflex ProTerra® with 110g Reinforcement.

Interface Details

Apply interface details in accordance with Triflex BTS-T System Data Sheet, standard Sketch Details and project specific Sketch Details.

General details reference: Triflex ProDetail® with 110g Reinforcement.

Complex details reference: Triflex Cryl R295.

Main Area

Reinforced waterproofing layer:

Apply waterproofing to main deck area in accordance with Triflex BTS-T System Data Sheet.

Waterproofing reference: Triflex ProTerra® with 110g Reinforcement.

Fleece lap levelling: Level laps in reinforced waterproofing layer in accordance with Triflex BTS-T System Data Sheet.

Levelling reference: Triflex Cryl Paste.

Wearing layer: Apply wearing course to main deck area in accordance with Triflex BTS-T System Data Sheet.

Wearing layer reference: Triflex ProTerra®.

Aggregate reference: crystal quartz / coloured quartz / basalt.

Coloured quartz colour mix reference: INSERT.

Finish

Apply finish in accordance with Triflex BTS-T System Data Sheet.

Finish reference: Triflex Cryl Finish 205 / Triflex Cryl Finish 202.

Finish colour references: INSERT.

Installation

The works shall be executed by a Triflex Approved Contracting Partner licensed to install Triflex walkway, balcony and terrace waterproofing, surfacing and protection systems.

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Required System Properties

- Totally waterproof, thick layer system (>4mm Dry Film Thickness)
- Fully reinforced liquid applied materials
- ETA certified waterproofing membrane - no. 04/0019 (25 year durability statement)
- Available with the following finish options:
 - 0.7 - 1.2mm crystal quartz with pigmented seal
 - 0.7 - 1.2mm coloured quartz with clear seal
 - 1.0 - 1.6mm basalt with Traffic Grey pigmented seal
- Seamless - with no joints, seams or fixings
- Elastomeric and dynamic crack bridging
- Anti-skid
- Tough, highly impact and abrasion resistant
- Durable - resistant to static and dynamic loads
- Totally cold applied
- Exceptionally fast curing
- Bridges unforeseen cracks
- Resistant to flexural fatigue
- Hydrolysis resistant - resistant to standing water
- Based on highly advanced PMMA technology
- Quick and easy to apply
- Compatible with a wide range of substrates
- Suitable for all common walkway, balcony and terrace constructions
- Fire resistant:
 - Waterproofing layer:
 - German Standard
 - Test method 1/prEN 1187; Classification B roof (t1) prEN 13501-5
 - Nordic Standard Nordtest NT Fire
 - Test method 2/prEN 1187; Classification B roof (t2) prEN 13501-5
 - French AFNOR Standard
 - Test method 3/prEN 1187; Classification B roof (t3) prEN 13501-5
- Fully bonded with excellent inter layer adhesion
- Chemical resistant
- Resistant to Chloride and Carbon Dioxide ingress
- Vapour permeable
- Low temperature curing - 0°C
- UV resistant
- Solvent free
- Isocyanate free
- Halogen free
- Tailored design options
- 10 year materials warranty as standard
- Optional extended warranties available

General Notes

The Triflex BTS-T System Data Sheet, standard Sketch Details and project specific Sketch Details are to be read as an integral part of this specification.

The Triflex Approved Contracting Partner is to install all details to comply with the Triflex BTS-T standard Sketch Details, any project specific Sketch Details and Triflex project specific recommendations. Should any detail arise where the treatment is not clear, the Contractor must seek advice and approval from Triflex (UK) Limited prior to commencing the works.

It is the Contractor's responsibility to ensure that the substrate is suitable and that the system is applied in all areas in accordance with System Data Sheets, Application Guidelines and ETA certificate in force at the time.

Notes to Specifiers

We recommend that for all walkway, balcony and terrace projects, the actual specification clauses for the Triflex waterproofing, surfacing and protection systems are prepared by the Triflex Technical Team.

This information can then be provided in a text format for insertion into Word and other documents.