

# Triflex TSS

# Model specification

Fast curing, thick layer, heavy duty waterproofing and surfacing system for stairs and stairwells

## J31 Liquid Applied Waterproof Roof Coatings

To be read with Preliminaries / General Conditions.

### Liquid Applied Waterproof Roof Coating Reference

#### Triflex TSS

Manufacturer:  
Triflex (UK) Limited  
Whitebridge Way  
Stone  
Staffordshire  
ST15 8GH  
Tel: +44 (0) 1785 819119  
Fax: +44 (0) 1785 819960  
E-mail: info@triflex.co.uk  
Web: www.triflex.co.uk

### Generally

Apply Triflex TSS 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 TSS System Data Sheet.

### Substrate Preparation

Prepare substrate in accordance with Triflex TSS System Data Sheet.

### Priming

Apply Triflex primer in accordance with Triflex TSS 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 TSS System Data Sheet.

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

### Dynamic Cracks and Dayjoints

Treat dynamic cracks and dayjoints in accordance with Triflex TSS System Data Sheet.

**Filling reference:** Triflex Cryl RS233.

**Overbanding reference:** Triflex Cryl R210 with 110g Reinforcement.

### Edge Nosing

Apply edge nosing in accordance with Triflex TSS System Data Sheet.

**Edge nosing reference:** INSERT.

**Edge nosing adhesive reference:** Triflex Cryl Paste

## Stairs and Stairwells

Apply waterproofing and surfacing layer to treads and stairwells in accordance with Triflex TSS System Data Sheet.

**Waterproofing and surfacing reference:** Triflex Cryl RS233.

**Aggregate reference:** crystal quartz / coloured quartz / basalt.

**Coloured quartz colour mix reference:** INSERT.

### Finish

**Risers:** Apply finish to risers in accordance with Triflex TSS System Data Sheet.

**Finish reference:** Triflex Cryl Finish 205 Thixo.

**Finish colour references:** INSERT.

**Treads and stairwells:** Apply finish to treads and stairwells in accordance with Triflex TSS 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

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- Waterproof, thick layer system (>4mm Dry Film Thickness) to treads and stairwells
- 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
- Anti-skid
- Flexible
- Impact and abrasion resistant
- Durable - resistant to static and dynamic loads
- Totally cold applied
- Exceptionally fast curing
- Based on highly advanced PMMA technology
- Quick and easy to apply
- Compatible with a wide range of substrates
- Suitable for all common stair and stairwell constructions
- 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
- Fire resistant:
  - EN ISO-11925-2:2002
  - EN ISO-9239-1:2002
- Tailored design options
- 10 year materials warranty as standard
- Optional extended warranties available

## General Notes

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The Triflex TSS 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 TSS 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 and Application Guidelines in force at the time.

## Notes to Specifiers

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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.