



Installation Instructions

Triflex SmartTec Fibre Temporary Repair Kits

Basis

The Triflex SmartTec Fibre Temporary Repair Kit is intended for rapid temporary repairs to bituminous felt and asphalt roofing substrates but can also be used on cementitious, timber, metal and single ply substrates.



Important notes:

Curing times on metal and single ply substrates may be extended.

Ensure the disposable gloves along with any other PPE deemed to be necessary are worn before handling any resins.

Repairs using the Triflex SmartTec Fibre Repair Kit should only be made between ambient and substrate temperatures of +5°C to +40°C and when rain or poor weather is not expected within the first hour after application.

These instructions should be read in conjunction with the Triflex SmartTec Fibre Product data sheet and safety data sheet.

Installation methodology

- Identify the area to be repaired
- Ensure the area to be repaired has had all standing water removed / brushed away and is dried as much as practically possible using the rags supplied. The curing process of the Triflex SmartTec Fibre is moisture triggered, making it suitable for most repair situations to roofs; therefore, surface dampness is acceptable after cleaning
- Thoroughly brush the affected area clean using the stiff brush supplied. Ensure all loose dust and debris is removed from the area where the repair patch is to be installed and that the substrate is free from grease, oil and other contaminants
- The butylene repair patch is not always required as the Triflex SmartTec Fibre system can be applied directly to bituminous felt and asphalt as well as timber or cementitious substrates without the use of a primer. However, it is recommended that the butylene repair patch is used in the following circumstances;
 - Where the defect is significant, such as over a large split or crack
 - To all metal or single ply substrates

Installation of butylene repair patch



1. Where required, cut butylene tape repair patch to the required size, using supplied Triflex scissors. Loosely place butylene tape repair patch over the affected area, ensuring that the area is completely covered by the repair patch and that it extends past the extent of the defect



2. With the butylene tape repair patch laid over the area to be repaired, lift one end, peel back and fold the protective film to expose approximately 50mm of the self-adhesive butyl



3. Bond the exposed butyl of the repair patch to the substrate and push the tape down onto the surface



4. Lift the opposite end of the butylene tape repair patch and incrementally peel back the remaining protective film to expose the self-adhesive butyl, working along the butylene tape repair patch, pushing it onto the substrate

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Installation of butylene repair patch



5. When the full area of the Butylene tape repair patch has been adhered to the substrate, work along the patch with the supplied silicone roller to further push and fully bond the butylene tape repair patch onto the substrate

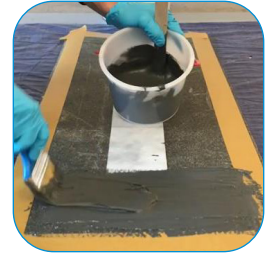
Installation of Triflex SmartTec Fibre



1. Using the supplied 50mm wide Tesa® tape, neatly mask off the area. Where a butylene tape repair patch has been installed as part of the repair, the system should extend approximately 100mm past the extent of the installed butylene tape repair patch. Otherwise, ensure that the Triflex SmartTec Fibre resin extends 100mm past the extent of the defect



2. Open the drum of Triflex SmartTec Fibre resin using the supplied drum opener and thoroughly stir using the stirring sticks until the resin achieves a uniform consistency. Stirring air and bubbles into the resin should be avoided



3. Using one of the 75mm paint brushes provided, apply the resin liberally to the area. Consumption should be at 3.00Kg/m²

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4. The required amount of resin should be adjusted to suit the area required yet retain a consumption of 3.00Kg/m². Brush apply the resin in two directions at 90° to ensure that there are no voids or trapped air present. Neatly complete the resin installation by further brushing across the width of the repair in a single direction towards the installer to create a neat finish



5. Upon completion, immediately remove the Tesa® tape to complete the repair. Place used brushes, gloves and tape in the plastic bags provided for disposal



Now the repair has been completed please call our Technical office on 01785 819119 option 1, or your local Triflex Business Development Manager to arrange for a full survey of the defective area to be carried out



Scan QR code for the application video