

## Paracoat Flex Joint Geo

Product Ref: DsA32-1118  
Issue No: 01-1118



### PRODUCT DESCRIPTION

**Paracoat Flex Joint Geo** is a high performance, movement joint membrane comprising of a flexible and elastic TPE membrane strap with geotextile bands thermo-welded either side of the TPE membrane strap. **Paracoat Flex Joint Geo** is part of the Paracoat Cold Polyurea liquid waterproofing system.

### USE

**Paracoat Flex Joint Geo** is primarily specified to bridge movement or expansion joint details to reinforce and protect Paracoat Cold Polyurea liquid waterproofing systems from excessive structural movement.

### APPLICATION

#### Preparation

- All substrates must be suitably clean or adequately prepared, dry and free from loose debris, laitance, oils or other surface contamination.
- If appropriate, porous or non-cohesive substrates may require a thin layer of substrate specific Paracoat Cold Polyurea Primer to enhance adhesion.

#### Application

- Position the **Paracoat Flex Joint Geo** membrane over the movement or expansion joint and bond the geotextile bands either side of the substrate opening in Paracoat Cold Polyurea waterproofing.
- To connect two separate sections of **Paracoat Flex Joint Geo**, lap both sections together achieving a minimum 50mm lap.
- The lap between the two sections is then connected by hot air welding both sections of the TPE membrane together. When using a hot air gun to weld the TPE membranes together, ensure sufficient hot air is applied to obtain a strong weld between the two sections.
- Recommended ambient temperature application should be between 5-30°C.
- Once the above works are complete, install the full Paracoat Cold Polyurea liquid waterproofing system in accordance with the Langley project specific specification.

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## TECHNICAL DATA

Product Properties	
Product description	Thermoplastic Elastomer (TPE) with Non-woven Polypropylene Geotextile
Colour	Grey
Width of elastic tape	140mm (95mm+40mm)
Thickness	1.5mm
Longitudinal elongation at break	33% (DIN 527-3)
Transversal elongation at break	478% (DIN 527-3)
Water pressure resistance	>3 bar (DIN EN-1828)
Thermal resistance	Up to 70°C
Shelf life	n/a

## PACKAGING

- Paracoat Flex Joint Geo is supplied in 140mm x 50m rolls only.
- Palletised information is available upon request.

## STORAGE

- Store in a sheltered, cool and dry environment away from any heat or ignition source.
- Store between 5°C - 30°C.

## HEALTH AND SAFETY

- Take all necessary precautions during handling and transport.
- See the appropriate Health and Safety Data Sheet for more detailed information.

This document is only a guide.

Langley Waterproofing Systems Ltd reserves the right to change the composition and fixing recommendations of products as a result of the evolution of knowledge and technology.