

# SpECTite RoofFlex Plus

COLD APPLIED ALIPHATIC POLYURETHANE

## DESCRIPTION

**SpECTite RoofFlex Plus** is a single component moisture cure aliphatic polyurethane waterproofing liquid membrane.

## TYPICAL USES

**SpECTite RoofFlex Plus** is suitable for waterproofing:

- Exposed Roofing
- Planter Boxes
- Swimming Pools
- Balconies
- Terraces
- Wood
- Metal Surfaces
- Exterior Masonry Building

## ADVANTAGES

- High Tensile Strength
- Highly Elastic
- UV Resistance
- Hard-Wearing
- Durability
- Crack-Bridging

## TECHNICAL DATA

<b>Form</b>	White
<b>Tensile strength (ASTM D 412)</b>	8.0 N/mm <sup>2</sup>
<b>Elongation (ASTM D 412)</b>	> 700%
<b>Tear Resistance (ASTM D 624)</b>	> 15 N/mm
<b>UV Resistance (ASTM D 822)</b>	@ 1000 hours pass
<b>SRI (Solar Reflectance Index) (ASTM E 1980)</b>	101
<b>Shore A Hardness (ASTM D 624)</b>	>70

## Resistance to Chemicals

**(Visual Check)** Limited Effect

**Permeability (BS EN 12390)** Nil

## APPLICATION INSTRUCTIONS

### Surface Preparation

Surfaces must be dry and free from oil, dust, dirt, grease and loosing materials. The substrate should be firm, in case of gaps and cracks fill with suitable poly-sulphide sealant and ensure the surface is level.

For metal surface, clean the surface of all rust scales. This can be achieved by wire brushing or grit blasting.

### Substrate Priming

Self-prime **SpECTite RoofFlex Plus** using 20% xylene. Insure proper spreading and coverage of Pinholes.

### Application

Apply first coat of **SpECTite RoofFlex Plus** at a rate of 0.4 to 0.6 mm WFT.

Optional single reinforcement sheet fibre mesh or geotextile may be used for angle filling.

Apply the second coat at a rate of 0.4 to 0.6 mm or 0.6 to 0.7 mm where reinforcement sheet fibre mesh or geotextile is used.



### **PACKAGING & YIELD**

**SpECtite RoofFlex Plus** is supplied in 18 litre drums.

The coverage rate for **SpECtite RoofFlex Plus** is 1.0 to 1.2 litre/m<sup>2</sup>/2 coats. Minimum 2 coats are required.

### **STORAGE & SHELF LIFE**

**SpECtite RoofFlex Plus** has a shelf life of 8 months when stored in original containers in cool, dry conditions. Protect the material against moisture and direct sunlight. Storage temperature: 5°C to 35°C.

### **HEALTH & SAFETY**

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and that all personnel avoid inhaling the vapours produced. If working is necessary in a confined area it is strongly recommended that sealed respiratory equipment is utilised.

### **Eye contact**

Rinse with copious amounts of clean water and seek medical attention.

### **Skin contact**

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

### **DO NOT USE SOLVENTS**

### **Ingestion**

Seek immediate medical attention.

**DO NOT INDUCE VOMITING.**

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### **SPECIALITY ENGINEERING CHEMICALS**

PO Box 61347, Dubai, United Arab Emirates. Telephone: +971 4 883 6662, Fax: +971 4 883 7696

E-mail: [info@spec.ae](mailto:info@spec.ae)

[www.spec.ae](http://www.spec.ae)