



## SpECTite PAR800

FIBRE REINFORCED, ONE PART POLYURETHANE ELASTOMERIC ANTI-ROOT MEMBRANE

### DESCRIPTION

**SpECTite PAR800** is a fibre reinforced pitch-based single-component waterproofing, anti-root membrane. Its special formulation rejects any type of root without causing damage to plants.

### TYPICAL USES

To provide waterproofing with remarkable anti-root properties such as:

- Green roofs
- Roof gardens
- Planter boxes
- Suitable for indoor and outdoor

### ADVANTAGES

- Easy and quick application
- Excellent waterproofing capabilities
- High tensile strength
- Excellent elasticity
- Moisture tolerant

### TECHNICAL DATA

<b>Appearance</b>	Black viscous liquid
<b>Solids content</b>	60 ± 5%
<b>Cure time</b> <b>@ 25°C &amp; 50% R.H.</b>	12-24 hours touch dry, 7 days full cure
<b>Application temperature</b>	5°C to 60°C
<b>Shore 00/A @ 25°C</b> <b>(ASTM C836/05)</b>	90/30
<b>Tensile strength</b> <b>ASTM D 412-98a</b>	1.5 N/mm <sup>2</sup> (excl. Geotextile)
<b>Ultimate elongation</b> <b>ASTM D 412-98a</b>	>600% (excl. Geotextile)
<b>Puncture resistance</b> <b>(ASTM D4833)</b>	>220±20 N

**Typical System Thickness** 1.5 - 2mm  
**(wft)**  
**(2 coats SpECTite PAR800 + Geotextile)**

### CHEMICAL RESISTANCE

UV Resistance	Excellent
Hydrolysis Resistance	Excellent
Resistance to Industrial environment	Good

### APPLICATION INSTRUCTIONS

#### Surface Preparation

Concrete surfaces must be float or shutter finished. The surfaces must be free of cavities and projections. Blockwork or brickwork must be flush pointed and of a uniform finish.

The surfaces should be made dry, clean, dust and frost free to expose a sound, clean substrate.

#### Priming Application

Priming is not normally necessary on good quality concrete, however for particularly porous or metal surfaces, **SpECTite PAR800 Primer** must be used.

**SpECTite PAR800** should be applied after the primer has become touch dry, usually 2-4 hours following application, but before it has fully reacted.

If the **SpECTite PAR800** is not applied within 48 hours after priming, the surfaces should be re-primed.

#### Application

The quantity of material used per coat may vary depending on the porosity of the substrate and the surface profile.

Apply the first coat and allow it to become tacky.

Apply the **SpEC Geotextile** and gently roll into the tacky first coat using a ribbed steel roller. Once the first coat is touch dry, apply the second coat at right angles to the first coat to ensure an even coating application.

### ANCILLARY MATERIALS

#### SpECTite PAR800 Primer

Flashpoint	69°C
Specific Gravity	1.05 ± 0.1
Application temperature	5°C - 70°C
Pack size	5 and 25 litre

### PACKAGING & YIELD

**SpECTite PAR800** is supplied in 18 litre drums. **SpECTite PAR800 Primer** is supplied in 5 litre and 15 litre drums.

Coverage rates may vary depending on the substrate. As an average on a smooth surface, the coverage rate for **SpECTite PAR800** is 1m<sup>2</sup>/litre at 1mm wft and 6-10m<sup>2</sup>/litre for **SpECTite PAR800 Primer**.

### SPRAY APPLICATION

- Only airless spray should be used
- Graco King 60 to 1 ratio or similar

- Compressor:- 100 psi, 60 cfm min
- Tip Size:- 28/30 thous. 50° angle

### STORAGE & SHELF LIFE

**SpECTite PAR800** 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° - 30°C. Products should remain in their original, unopened containers, bearing the manufacturer's name, product designation, batch number and application precaution labels.

**SpECTite PAR800 Primer** has a shelf life of 12 months when stored in original containers. The primer should be stored as a highly flammable liquid.

### HEALTH & SAFETY

**SpECTite PAR800** and **SpECTite PAR800 Primer** are hazardous.

Avoid contact with skin and eyes, wear gloves and eye protection.

Refer to relevant MSDS for additional information.

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