



# ROOFTEC POLY-GUARD SAME DAY PRIMER DATA SHEET

## LOW VISCOSITY, RAPID CURING POLYURETHANE BASED PRIMER FOR SAME DAY APPLICATION

Rooftec Same Day Primer is a one-component product, fast curing polyurethane based primer suitable for all substrates. It can be used successfully on both porous and non-porous substrates. It has a rapid curing speed which makes it easier to be used in colder conditions and when rain is not very predictable. Additionally it can be used on both wet, dry and green concrete.

### RECOMMENDED FOR:

To be used in conjunction with Rooftec Poly-Guard liquid roofing system.

- Primer for wet, damp or humid concrete.
- Faster curing version of the Rooftec Poly-Guard Next Day Primer.

### FEATURES AND BENEFITS:

- One component
- Fast curing
- Low viscosity
- Easily applied, even on wet concrete
- Excellent wetting, impregnation and paint-over time
- Elastic

### LIMITATIONS:

- Rooftec Poly-Guard Liquid membrane can be applied up to 12 hours after primer has been laid. If the primer is exposed for longer periods, re application may be needed.
- If the primer gets wet or is rained on, re application of the primer will be needed once dry.

### COMPLIANCE - CERTIFICATION:

- The adhesion strength of Same Day Primer exceeds the requirements of EOTA (European Organization of Technical Approval).
- CE certified according EN 1504-2:2004.

### APPLICATION PROCEDURE:

**Surface Preparation:** Make sure surface is cleaned and free of any oil, grease and wax contaminants. Loose debris, cement laitance, mould or chemical agents must be removed. Use a high-pressure washer if possible. Fill in and seal any irregularities and laps with Rooftec PU Joint Sealer and Butyl tape.

**Mixing:** Use a low speed (300rpm) mixer with a paddle if possible.

**Application:** Apply with brush or roller. Once cured, the main membrane (e.g. Rooftec System) can be applied.

### CONSUMPTION:

200 gr/m<sup>2</sup> subject to substrate porosity. Applying over felt, asphalt and bitumen may require additional consumption.

### CLEANING:

Clean tools and equipment with paper towels and then solvent. Rollers will not be reusable.

### SHELF LIFE:

Kept in a cool dry place for up to 12 months from production date in original, unopened pails at temperatures between 5-25°C. Once opened, use as soon as possible.

### SAFETY INFORMATION:

Rooftec Poly-Guard Same Day Primer contains solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. The M.S.D.S. (Material Safety Data Sheet) is available on request.

# ROOFTEC

# POLY-GUARD

# SAME DAY PRIMER

## TECHNICAL SPECIFICATIONS

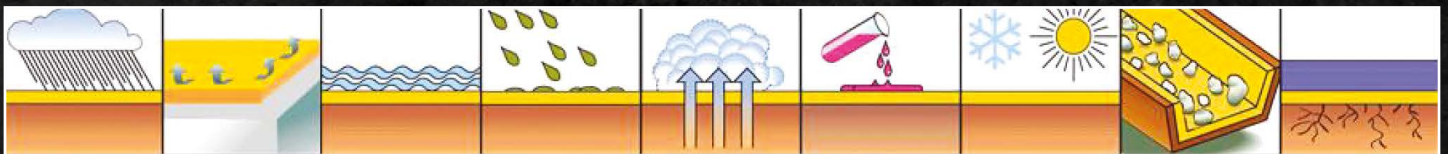
### IN LIQUID FORM (BEFORE APPLICATION):

| PROPERTY               | UNITS              | METHOD                                    | SPECIFICATION |
|------------------------|--------------------|---|---------------|
| Viscosity (Brookfield) | cP                 | ASTM D2196-86 @ 25°C                      | 60-100        |
| Specific weight        | gr/cm <sup>3</sup> | ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C | 0.90-1.00     |

### IN CURED FORM (AFTER APPLICATION):

| PROPERTY  | UNITS                                   | METHOD                   | SPECIFICATION |
|---|---|--------------------------|---------------|
| Tensile strength at break @ 23°C                    | Kg/cm <sup>2</sup> (N/mm <sup>2</sup> ) | ASTM D412 / EN-ISO-527-3 | 35 (3,5)      |
| Elongation @ 23°C                                   | %                                       | ASTM D412 / EN-ISO-527-3 | > 150         |
| Dry to touch:<br>• On DRY cement<br>• On WET cement | hours                                   | -                        | 1-2<br>1      |
| Application of main membrane                        | hours                                   | -                        | 2-24          |
| Adhesion to cement                                  | mPa                                     | ASTM D1640               | > 4           |
| Adhesion of Rooftec Poly-Guard to Same Day Primer   | mPa                                     | ASTM D1640               | > 5           |

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