

ROOFTEC POLY-GUARD NEXT DAY PRIMER DATA SHEET

LOW VISCOSITY, POLYURETHANE BASED ALL-PURPOSE PRIMER

Rooftec Poly-Guard Next Day Primer is a one-part, low viscosity, polyurethane based primer for both porous and non-porous surfaces. Characterised by its low viscosity and balanced curing speed which results in excellent wetting, impregnation and paint over time on different substrates. Also, can be used effectively on wet, dry and green concrete. Cured film displays excellent mechanical properties with elongation results at >300% and tensile strength surpasses 30N/mm².

RECOMMENDED FOR:

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

- Primer for wet, damp or humid concrete.
- Ceramic tiles
- Non-porous substrates like glass, marble and metals

FEATURES AND BENEFITS:

- Can be used over any substrate
- One component
- Low Viscosity
- Easily applicable, even on wet concrete
- Excellent wetting, impregnation and paint over time
- Elastic

LIMITATIONS:

- Will discolour when used on its own. This will not affect the performance of the membrane and is purely visual.
- If the concrete is not very porous, the material may penetrate to a degree that no film is created on the surface. Another coating will be needed if this is the case to create a primed surface. We also recommend charging the primer with sand if used on an irregular surface.

COMPLIANCE - CERTIFICATION:

- The adhesion strength of Next 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.

Application: Apply with a brush or roller. Once cured there is a 5 day window for Rooftec Poly-Guard liquid roofing membrane to be applied.

CONSUMPTION:

100-200 gr/m², subject to substrate porosity.

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:

Contains volatile flammable solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Keep in mind that solvents are heavier than air so they creep on the floor. The MSDS (Material Safety Data Sheet) is available on request.

ROOFTEC

POLY-GUARD

NEXT DAY PRIMER

TECHNICAL SPECIFICATIONS

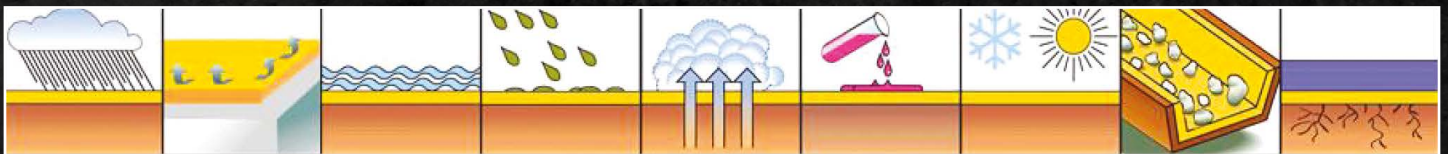
IN LIQUID FORM (BEFORE APPLICATION):

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield)	cP	ASTM D2196-86 @ 25°C	30-60
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811 @ 20°C	0.95-1.05

IN CURED FORM (AFTER APPLICATION):

PROPERTY	UNITS	METHOD	SPECIFICATION
Tensile strength at break @ 23°C	Kg/cm ² (N/mm ²)	ASTM D412 / EN-ISO-527-3	300 (30)
Elongation @ 23°C	%	ASTM D412 / EN-ISO-527-3	> 300
Dry to touch: • On DRY cement	hours	-	6-12
Application of main membrane	hours	-	12-24
Adhesion to cement	mPa	ASTM D1640	> 4

NONE OF OUR PUBLISHED INSTRUCTIONS AND SPECIFICATIONS, IN WRITING OR OTHERWISE, ARE BINDING EITHER IN GENERAL OR WITH RESPECT TO ANY THIRD PARTY RIGHTS, OR DO THEY RELIEVE INTERESTED PARTIES OF THEIR DUTY TO SUBJECT THE PRODUCT TO AN ADEQUATE EXAMINATION OF ITS SUITABILITY. IN NO EVENT WILL SAMAC FIXINGS BE RESPONSIBLE FOR DAMAGES OF ANY NATURE, WHATSOEVER, RESULTING FROM THE USE OF OR RELIANCE UPON INFORMATION OF THE PRODUCT TO WHICH INFORMATION REFERS.



Certified quality, environmental and occupational health & safety management systems: ISO 9001/14001 & ISO 45001.



www.samacfixings.co.uk

RPNDPRIME, 6.9.2021