



Rely on it.

RENOLIT POLIQUID DETAIL

Liquid waterproofing



EXCELLENCE
IN ROOFING

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APPLICATIONS

- Joining to roof edges, skylights, outlets,...
- Jointing of mutually non-compatible materials during partial refurbishments
- Waterproofing of complex roof details
- Long-term repairs to damaged roofing membranes
- Excellent compatibility with most common building materials
- Extensively tested in combination with RENOLIT ALKORPLAN and RENOLIT ALKORTEC roofing membranes
- For new buildings and refurbishment

PRODUCT DATA

• Basis:	Polymethylmethacrylate (PMMA)
• Colour:	Pebble grey RAL 7032
• Consistency:	Liquid
• Specific density at 20°C:	1,21 g/cm ³
• Consumption:	2,5 kg/m ² (1 st layer min. 1,5 kg/m ² and 2 nd layer min. 1 kg/m ²)
• Flash point:	35°C
• Solid content:	66%
• Storage period:	12 months if unopened
• Storage conditions:	Between +5°C and +30°C (dry conditions)
• Rainproof :	30 min (20°C and 2% catalyst)
• Trafficable:	1h (20°C and 2% catalyst)
• Full cure:	3h (20°C and 2% catalyst)

PRODUCT PROPERTIES RENOLIT POLIQUID 81800-001 TO ETAG 005 (ETA-16/0391)

Water vapour diffusion resistance (μ)	\pm 4330
Resistance to wind loads	\leq 50 kPa
Resistance to flying sparks and radiant heat	F _{ROOF} (EN 13501-5)
Reaction to fire	Class E (EN 13501-1)
Application areas according to ETAG 005	
Life expectancy	W3 (25 years)
Climate zones	M and S (moderate and severe)
Imposed loads	P1 to P3 (low to moderate)
Roof slope	S1 to S4 (<5% to >30%)
Maximum surface temperature	TH3 (80°C)
Minimum surface temperature	TL3 (-20°C)

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APPLICATION TOOLS

- Basic products

81800-001 RENOLIT POLIQUID Detail
81801-001 RENOLIT POLIQUID catalyst

Liquid waterproofing on PMMA basis.
Catalyst/hardener on peroxide basis.

- Necessary for the activation of RENOLIT POLIQUID Detail
- Necessary for the activation of RENOLIT POLIQUID combi-primer

81802-001 RENOLIT POLIQUID combi-primer
81803-001 RENOLIT POLIQUID fleece

Primer for wood and absorbent substrates.
Specially designed synthetic PES reinforcement fleece of 26cm width and 50lm for the use in combination with RENOLIT POLIQUID Detail.

81803-002 RENOLIT POLIQUID fleece

Specially designed synthetic PES reinforcement fleece of 70cm width and 50lm for the use in combination with RENOLIT POLIQUID Detail.

81044-001 RENOLIT ALKORPLUS cleaner

Ethyl acetate for the preparation and cleaning of specific substrates.

- Accessories

81804-001
81804-002
81804-003
81804-004
81804-005

Mixing bucket of 5,6 lt with lid
Paint rollers of 10 cm width
Paint roller handle of 10 cm width
10 cm wide tape - 50lm
Scissors

APPLICATION

- Follow the RENOLIT POLIQUID installation guide.
- Personal protective equipment should be worn (gloves, protective eyewear,...).
- Substrate must be dry and free of dirt, dust, oil, grease and oxidation .
- Abrade the substrate.
- Apply the RENOLIT POLIQUID combi-primer if required (strong absorbent substrates and wood).
- Use masking tape for marking off the area to be treated.
- Apply a first layer of RENOLIT POLIQUID Detail with a minimum consumption of 1.5 kg/m².
- Place the RENOLIT POLIQUID PES-reinforcement fleece in the wet first layer of RENOLIT POLIQUID Detail.
- Tightly embed the PES fleece in the first layer and make sure no air bubbles are trapped underneath.
- Apply wet on wet a second layer of RENOLIT POLIQUID Detail with a minimum consumption of 1kg/m².
- Make sure the PES fleece is completely saturated and covered by RENOLIT POLIQUID Detail.
- At outside temperatures of 20°C and an addition of 2% catalyst the liquid waterproofing will be rainproof after 30min. The full properties will be reached after 3h.

- The product can be applied within the following temperature ranges:

Product	Temperature		
	Air	Surface	Material
RENOLIT Poliquid Detail	-5°C to +35°C	+3°C to +50°C*	+3°C to +30°C
RENOLIT Poliquid combi-Primer	-5°C to +35°C	+3°C to +50°C*	+3°C to +30°C

*The surface temperature should be at least 3°C above dew point during application and curing.

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PACKAGING

- Basic products

Type	Packaging	Content	Unit
81800-001	can	10 kg	1 unit
81801-001	PE bags	100 g	1 unit
81802-001	can	5 kg	1 unit
81803-001 (26 cm)	roll	50 lm	1 unit
81803-002 (70 cm)	roll	50 lm	1 unit
81044-001	can	1 l	6 units

- Accessories

Type	Unit
81804-001	1 unit
81804-002	10 units
81804-003	1 unit
81804-004	1 unit
81804-005	1 unit

TRANSPORT

- IMDG: Void
- IATA: PAINT UN1263
- ADR: > 450 l: 3 F1, III
- IMDG: > 30 l: 3, III

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