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RENOLIT ALKORTOP L<sub>35087</sub>  
Product data sheet

EXCELLENCE  
IN ROOFING

# RENOLIT ALKORTOP L<sub>35087</sub>

## Product data sheet

RENOLIT ALKORTOP L is a single ply membrane of thermoplastic polyolefin (FPO) with laminated glass fleece reinforcing, a non-plasticised roof covering which provides excellent watertightness in all conditions.

### Application

Used as a waterproofing membrane within ballasted systems.

CE approval: 0800 -CPD - 51654

Properties	Method	RENOLIT ALKORTOP <sub>35087</sub> 1,5 mm	Units
Visible defects	EN 1850-2	pass	-
Length	EN 1848-2	15 (-0/+5 %)	m
Width	EN 1848-2	2 (-0,5/+1 %)	m
Straightness	EN 1848-2	< 50	mm / 20 m
Flatness	EN 1848-2	< 10	mm / 20 m
Mass per unit area	EN 1849-2	1,6 (-5/+10 %)	kg/m <sup>2</sup>
Effective thickness	EN 1849-2	1,5 (-5/+10 %)	mm
Watertightness	EN 1928 (B)	pass	-
External fire resistance	EN 13501-5	pass (for specified roof structures)	-
Fire performance	EN 13501-1	E Class	-
Peel resistance of joints	EN 12316-2	≥ 300	N / 50 mm
Shear resistance of joints	EN 12317-2	≥ 400, break outside joint	N / 50 mm
Tensile strength	EN 12311-2 (B)	≥ 5	N/mm <sup>2</sup>
Elongation at break	EN 12311-2 (B)	≥ 150	%
Resistance to impact Hard substrate Soft substrate	EN 12691 Method A Method B	≥ 500 ≥ 650	mm mm
Resistance to static perforation Hard substrate Soft substrate	EN 12730 A/B Method A Method B	≥ 15 ≥ 15	kg kg
Tear resistance	EN 12310-2	≥ 150	N
Root resistance	EN 13948	pass	-
Dimensional stability	EN 1107-2	≤ 0,3	%
Cold crack performance	EN 495-5	≤ - 40	°C
UV resistance	EN 1297	pass	-
Effect of liquid chemicals, incl. water	EN 1847	See annex C	-
Hail resistance Hard substrate Soft substrate	EN 13583 Method A Method B	≥ 18 ≥ 21	m/s m/s
Vapour diffusion resistance μ	EN 1931	150 000 (-30/+30 %)	-
Resistance against ozone	EN 1844	pass	-
Exposure to bitumen	EN 1548 (B)	pass	-

### Storage

Store dry. Rolls to be parallel and in original packing where possible. Do not stack in cross form or under pressure (21 Rolls/Pallet).