

AAG EPDM RUBBER MEMBRANE



technical data sheet - roof membrane

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HERTALAN® EASY COVER ROOFING SHEETS (EN 13956 compliant)

HERTALAN® EASY COVER roofing sheets can be used for loose laid roofs or roofs with ballast and for glued roofing systems. For their application, please consult the current instructions at WWW.HERTALAN.NL.

HERTALAN® EASY COVER MEMBRANES (EN 13956 compliant)

The EPDM strips are bonded in the factory with the HERTALAN® hot-bonding method. This means the number of seams, and corresponding risks, in the work is limited to an absolute minimum. The HERTALAN® EASY COVER is easy to use without requiring naked flames, is resistant to root penetration and in practice it has a lifespan of more than 50 years (SKZ study, March 2001).

HERTALAN® EASY COVER ROOFING SHEETS			
Length	10 or 20 m	Polymer	EPDM
Width	1.4 m	Colour	Black
Thickness	1.2 / 1.3 / 1.5 / 2.0 mm	Mass	1.23 kg/m ² per mm
HERTALAN® EASY COVER MEMBRANES			
Thickness	1.2 / 1.5 / 2.0 mm	Mass	1.23 kg/m ² per mm
Standard dimensions and tailored work on request			

Material properties		Specifications	Measured
Appearance (EN1850-2)		Comply	Complies
Straightness of the edges (EN1848-2)	mm	≤ 30	Complies
Flatness (EN1848-2)	mm	≤ 10	Complies
Tensile strength (l/t) (EN 12311-2B)	N/mm ²	≥ 8.0	8.7/8.6
Elongation at fracture (l/t) (EN 12311-2B)	%	≥ 400	530/480
Tear strength (l/t) (EN 12310-2)	N	≥ 25	40/62
Dimensional stability (l/t) (EN 1107-2)	%	max. 0.2	0.08/0.05
Peel resistance of joints (EN 12316-2)	N/50mm	≥ 50	69 / 191*
Shear resistance of joints (EN 12317-2)	N/50mm	≥ 200	282 / 341*
Fire resistance (EN 13501-1)	-	Class E	Class E
Resistance to spreading fire (EN 13501-5)	-	Comply	See CTG K4276
Resistance to static loading (EN 12730)	kg	≥ 25	25
Resistance to impact (EN 12691)	mm	≥ 300	300
Resistance to root penetration (EN 13948)	-	Comply	See CTG K4276

* Value for glued and hot-bonded seam, respectively.

Material properties		Specifications	Measured
Watertightness (EN 1928)	-	Watertight	Complies
Foldability at low temperature (EN 495-5)	°C	≤ -45	≤ -45
Foldability after ageing (EN 1297/495-5)		Comply	Complies
Effect of liquid chemicals (EN 1847)		Comply	Complies
Hail resistance (EN 13583)			
hard surface	m/s	≥ 17	17
soft surface	m/s	≥ 35	37
Water-vapour transmission rate (EN 1931)		70,000	70,000
Resistance to ozone (EN 1844)		No tears	Complies
Suitable for contact with bitumen (EN 1548)	-	Comply	Complies