

# AAG EPDM RUBBER MEMBRANE



## technical data sheet - roof membrane

316  
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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).

<b>HERTALAN® EASY COVER ROOFING SHEETS</b>			
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 <sup>2</sup> per mm
<b>HERTALAN® EASY COVER MEMBRANES</b>			
Thickness	1.2 / 1.5 / 2.0 mm	Mass	1.23 kg/m <sup>2</sup> per mm
Standard dimensions and tailored work on request			

<b>Material properties</b>		<b>Specifications</b>	<b>Measured</b>
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 <sup>2</sup>	≥ 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.

<b>Material properties</b>		<b>Specifications</b>	<b>Measured</b>
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