

### PRODUCT SPECIFICATION *HERTALAN® EASY COVER FR*

#### **HERTALAN®**

Since 1965, Carlisle Construction Materials BV has been producing and selling various synthetic rubber foils of extremely high quality all around the world. The successful HERTALAN® EPDM foil is the best known of those products.

#### **HERTALAN® EASY COVER FR ROOFING SHEETS (EN 13956 compliant)**

*HERTALAN® EASY COVER FR* 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](http://WWW.HERTALAN.NL).

#### **HERTALAN® EASY COVER FR MEMBRANES (EN 13956 compliant)**

At our production site using the hot bonding technique of HERTALAN®, EPDM rolls are thermally bonded. This method greatly reduces the requirement for on-site seaming therefore reducing installation risks. *HERTALAN® EASY COVER FR* is simply installed without naked flames, is root resistant and has an exceptional life span of more than 50 years (according to SKZ study, March 2001). *HERTALAN® EASY COVER FR* is specially developed to meet the new external fire demands according to NEN 6063:2008.

<b>HERTALAN® EASY COVER FR ROOFING SHEETS</b>			
Length	10 or 20 m	Polymer	EPDM
Width	1.4 m	Colour	Black
Thickness	1.2 / 1.5 mm	Mass	1.31 kg/m <sup>2</sup> per mm
<b>HERTALAN® EASY COVER FR MEMBRANES</b>			
Thickness	1.2 / 1.5 mm	Mass	1.31 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	10 / 10
Elongation at fracture (l/t) (EN 12311-2B)	%	≥ 400	600 / 600
Tear strength (l/t) (EN 12310-2)	N	≥ 25	50 / 55
Dimensional stability (l/t) (EN 1107-2)	%	max. 0.2	0.15 / 0.13
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



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