

## Gidrobarier D90

Valid from 01.01.2013

PROPERTIES	METHOD	UNITS	NOMINAL VALUE	TOLERANCE	
				MINIMUM	MAXIMUM

Informative section:

Length	EN 1848-2	[m]	50	-	-
Width	EN 1848-2	[m]	1,5	-0,0075	+0,0225
Straightness	EN 1848-2	-	conforming	-	-
Mass per unit area	EN 1849-2	[g/m <sup>2</sup> ]	90	-10	+10
Visible defects	EN 1850-2	-	without visible defects		

Normative part:

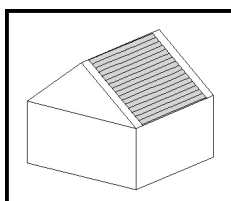
Reaction to fire	EN 13501 EN 11925-2	[class]	F	-	-	
Resistance to water penetration	EN 1928 EN 13111	[class]	W2	-	-	
Water vapour transmission properties (Sd)	EN 12572 EN 1931	[m]	2	-1	+2	
Tensile properties: Maximum tensile force MD / CMD	EN 12311-2 EN 13859-1	[N/50mm]	250 / 240	-40 / -50	+50 / +60	
Tensile properties: Elongation MD / CMD	EN 12311-2 EN 13859-1	[%]	55 / 45	-35 / -25	+35 / +35	
Resistance to tearing MD / CMD	EN 12310-2 EN 13859-1	[N]	170 / 160	-35 / -40	+40 / +40	
Dimensional stability	EN 1107-2	[%]	<2	-	-	
Flexibility at low temperature	EN 1109 EN 495-5	[°C]	-20	-	-	
Resistance to penetration of air	EN 12114 EN 13859-1	[m <sup>3</sup> /m <sup>2</sup> .h. Pa]	npd	-	-	
Change of properties after artificial ageing						
	- Resistance to water penetration	EN 1297	[class]	W2	-	-
	- Maximum tensile force MD / CMD	EN 1296	[%]	<30	-	-
- Elongation MD / CMD	EN 13859-1	[%]	<40	-	-	

Notes: MD - Machine Direction, CMD - Cross Machine Direction, npd - no performance determined

Supplementary part:

Joint strength	EN 1850-2	[N/50mm]	npd	-	-
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### PRODUCT APPLICATION



EN 13859-1

Vapour permeable roof underlay consisting of polyethylene sheet reinforced with a tear-resistant mesh for ventilated pitched roof constructions. The roof underlay must not be applied directly on timber sarking or in direct contact with thermal insulation and it needs to be installed with the recommended overlap.

This product does not contain any dangerous substances.