

## HYDROBARRIER D90

valid from 01.01.2013

Revision 14.09.2020

PROPERTIES	METHOD	UNITS	NOMINAL VALUE	TOLERANCE	
				MINIMUM	MAXIMUM

### Informative section:

Length	EN 1848-2	[m]	50	-	-
Width	EN 1848-2	[m]	1,5	-0,5%	+1,5%
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:

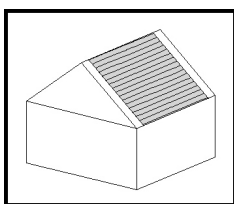
Reaction to fire	EN 13501-1 EN 11925-2	[class]	F	-	-
Resistance to water penetration	EN 13111	[class]	W2	-	-
Water vapour transmission properties (Sd)	EN 1931	[m]	2	-1	+2
Tensile properties: Maximum tensile force MD / CMD	EN 12311-2 EN 13859-1	[N/50mm]	250 / 240	-40 / -50	+50 / +60
Tensile properties: 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	[°C]	-20	-	-
Resistance to penetration of air	EN 12114 EN	[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	-	-
Dangerous substances			npd		

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 13859-1:2010 Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing

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.