



Application: Flexible sheets for water proofing –
Part 2: Underlays for walls
EN 13859-2

Style name
Type of carrier

2066B
**flash-spun-bond HDPE with transparent halogen-free
flame retardant acrylic lacquer**

Language **English**

PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
FUNCTIONALITY: WATER VAPOUR TRANSMISSION, WATER TIGHTNESS, WEATHER DURABILITY, FIRE CLASS					
Reaction to fire *	EN 13501-1	class	B-s1,d0	-	-
Water vapour transmission (sd)	EN ISO 12572 (C)	m	0,015	0,005	0,025
Temperature resistance	-	°C	-	-40	+100
Flexibility at low temperature	EN 1109	°C	-	-	-40
UV exposure	-	months	-	-	4
Product- / Functional layer thickness	-	µm	175 / 175	-	-
Water tightness	EN 1928 (A)	class	W1	-	-
Water column	EN 20811	m	1,3	-	-
PHYSICAL AND MECHANICAL PROPERTIES					
Mass per unit area	EN 1849-2	g/m ²	68	62	74
Maximum tensile force (MD)	EN 12311-1	N/50mm	300	250	350
Elongation at max. tensile force (MD)	EN 12311-1	%	15	10	20
Maximum tensile force (XD)	EN 12311-1	N/50mm	290	225	355
Elongation at max. tensile force (XD)	EN 12311-1	%	18	11	25
Resistance to tearing MD (nail shank)	EN 12310-1	N	45	25	70
Resistance to tearing XD (nail shank)	EN 12310-1	N	40	25	65
PROPERTIES AFTER AGEING					
Artificial ageing by UV and heat:	EN 1297 & EN 1296				
Water tightness	EN 1928 (A)	class	W1	-	-
Maximum tensile force (MD)	EN 12311-1	N/50mm	240	190	290
MD elongation at max. tensile force	EN 12311-1	%	10	6	14
Maximum tensile force (XD)	EN 12311-1	N/50mm	240	180	300
XD elongation at max. tensile force	EN 12311-1	%	12	7	17
ADDITIONAL PROPERTIES					
Length (customer related, expressed in m)	EN 1848-2	deviation in %		0	-
Width (customer related, expressed in mm)	EN 1848-2	deviation in %	0	-0,5	+1,5
Straightness	EN 1848-2	mm/10m	-	-	30
Dimensional stability (MD & XD)	EN 1107-2	%	-	-	1
Resistance to penetration of air	EN 12114	m ³ /(m ² h 50Pa)	-	-	2
Windtight	-	-	yes	-	-

(*): installed on mineral wool, mineral fiber boards or freehanging: B-s1,d0 / installed on wood: D-s2,d2

Effective date: 01/12/2017
First CE: 29/10/2012

EC-CERTIFICATE OF CONFORMITY
0799-CPR-128

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