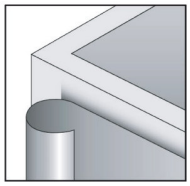
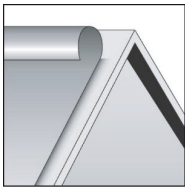
DuPont™ Tyvek®
2524B



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

EN 13859-2 (Dec 2004)
walls with open joints (1)

Style name: **2524B**
Type of carrier: **laminate HD-PE & PP**



Application:
Flexible sheets for water proofing – Part 1: Underlays for discontinuous roofing

EN 13859-1 (Feb 2005)

Language: **English**
Applicable for: **All regions**

CE
CPD 89/106

PROPERTY	METHOD	UNITS	NOMINAL (Mean value)	TOLERANCE	
				Minimum	Maximum
Length (expressed in m)	EN 1848-2	%	Customer related	0	-
Width (expressed in mm)	EN 1848-2	%	Customer related	-0,5	+1,5
Straightness	EN 1848-2	mm	-	-	30
Mass per unit area	EN 1849-2	gr/m²	195	180	210
Reaction to fire (EN 13501-1)	EN 11925-2	Class	E	-	
Water tightness	EN 1928 (method A)	Class	W1	-	-
Water vapour transmission (s_d)	EN ISO 12572	m	0,035	0,02	0,05
Maximum tensile force (MD)	EN 12311-1	N/50mm	410	340	480
Elongation at max. tensile force (MD)	EN 12311-1	%	14	9	19
Maximum tensile force (XD)	EN 12311-1	N/50mm	335	260	400
Elongation at max. tensile force (XD)	EN 12311-1	%	19	13	25
Resistance to tearing MD (nail shank)	EN 12310-1	N	300	200	400
Resistance to tearing XD (nail shank)	EN 12310-1	N	340	220	460
Resistance to penetration of air	EN 12114	m³/(m² hr 50Pa)	-	-	0,1
Dimensionnel stability (MD & XD)	EN 1107-2	%	-	-	1
Flexibility at low temperature	EN 1109	°C	-	-	-40
Artificial ageing by UV and heat **(1)**	EN 1297 & EN 1296	Residual value	aged/new material		
Maximum tensile force in MD	EN 12311-1	%	90	-	-
MD elongation at max tensile force	EN 12311-1	%	80	-	-
Maximum tensile force in XD	EN 12311-1	%	90	-	-
XD elongation at max tensile force	EN 12311-1	%	80	-	-
Water tightness	EN 1928 (A)	Class	W1	-	-
ADDITIONAL PROPERTIES					
Product-/Functional layer thickness	-	mm	0,6 / 0,220	-	-
Temperature resistance	-	°C	-	-40	+100
Water column	EN 20811	m	-	2	-
Windtight	-	-	yes	-	-
Reaction to fire **(2)**	EN 13501-1	Class	D-s1, d2	-	-
Max width of joints (vertical & horizontal)	-	cm	-	-	3
Min width of façade elements	-	-	-	-	2 x joint width
Full UV exposure (as standard underlay)	-	months	-	-	6
Full UV exposure (for walls with open joints before installation of façade elements)	-	months	0,5	-	4

(1) according to EN13859-2: for walls with open joints, artificial aging by UV is 5000 hrs (standard wall/roof application is 336hrs),
(2) when the product is installed on mineralwool, the reaction to fire class D-s1, d2 is achieved (KB-Hoch-080796)

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