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**PRODUCT DATA SHEET**  
DuPont de Nemours (Luxembourg) S.à.r.l.

PRODUCT: **TYVEK®** PRODUCT UNIT: **Roll**  
 STYLE: **2460B** European standard: **EN 13859-1 & EN 13859-2**  
 TYPE OF APPLICATION: **Underlay for discontinuous roofing & Underlay for walls**  
 EFFECTIVE DATE: **01.06.2005**



PROPERTY	TEST METHOD	UNITS	RESULTS		TOLERANCE	
					Min.	Max.
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	MLV		-	30
Mass per unit area	EN 1849-2	gr/m <sup>2</sup>	60		53	65
Reaction to fire	EN11925-2	-	Class E		-	-
Water tightness	EN 1928 / method A	-	Class W1		-	-
Water vapour transmission (s <sub>d</sub> )	EN ISO 12572 climate C	cm	2.5		1.0	4.0
Maximum tensile force (MD)	EN 12311-1	N/50mm	165		125	205
Elongation at maximum tensile force (MD)	EN 12311-1	%	9.0		6.0	12.0
Maximum tensile force (XD)	EN 12311-1	N/50mm	140		110	170
Elongation at maximum tensile force (XD)	EN 12311-1	%	15.0		10.0	20.0
Resistance to tearing (nail shank) (MD)	EN 12310-1	N	65		40	90
Resistance to tearing (nail shank) (XD)	EN 12310-1	N	60		40	90
Hydrostatic head	EN 20811 (1992)	cm H <sub>2</sub> O	190		150	220
Resistance to penetration of air	EN12114	m <sup>3</sup> /(m <sup>2</sup> hr 50Pa)	MLV		-	0.25
Dimensionnel stability (MD & XD)	EN 1107-2	%	MLV		-	1
Flexibility at low temperature	EN 1109	°C	MLV		-	- 40
Artificial ageing by long term exposure:	EN 1297 & EN 1296		Before	After		
• Maximum tensile force (MD)	• EN 12311-1	N/50mm	144	116	-	-
• Elongation at maximum tensile force (MD)	• EN 12311-1	%	11.0	8.0	-	-
• Maximum tensile force (XD)	• EN 12311-1	N/50mm	151	124	-	-
• Elongation at maximum tensile force (XD)	• EN 12311-1	%	15.5	11.0	-	-
• Water tightness	• EN1928 / methodA	-	Class W1		-	-

(1) Modified for number of samples & conditioning,

(2) Measured according ASTM 398 & proven correlation with EN ISO 12572 (based on multilayer testing).

(3) Measured on top of roll,

(4) Modified according EN 13859/1 & EN 13859/2.

(5) rate of pressure increase: 60cm H<sub>2</sub>O/min





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Product safety information:

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TYVEK® 2460B melts at 135° C, therefore it is not fire resistant.

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