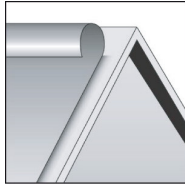
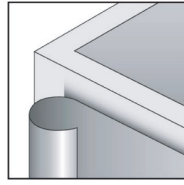


DuPont™ Tyvek®

2507M



Application:
Flexible sheets for water proofing – Part 1:
Underlays for discontinuous roofing
EN 13859-1 (Feb 2005)



Application:
Flexible sheets for water proofing – Part 2:
Underlays for walls
EN 13859-2 (Dez 2004)



Style name: **2507M**
Type of carrier: **Laminate of HD-PE and PP**
(with or without integrated tape)

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



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/m ²	148	134	162
Reaction to fire	EN 11925-2	Class	E-d2	-	
Water tightness	EN 1928 (method A)	Class	W1	-	-
Water vapour transmission (s _d)	EN ISO 12572	m	0,015	0,005	0,035
Maximum tensile force (MD)	EN 12311-1	N/50mm	245	200	290
Elongation at max. tensile force (MD)	EN 12311-1	%	-	5	15
Maximum tensile force (XD)	EN 12311-1	N/50mm	205	160	250
Elongation at max. tensile force (XD)	EN 12311-1	%	-	8	45
Resistance to tearing MD (nail shank)	EN 12310-1	N	175	125	225
Resistance to tearing XD (nail shank)	EN 12310-1	N	185	140	230
Resistance to penetration of air	EN 12114	m ³ /(m ² hr 50Pa)	-	-	0,25
Dimensionnel stability (MD & XD)	EN 1107-2	%	-	-	1
Flexibility at low temperature	EN 1109	°C	-	-	-40
Artificial ageing by UV and heat:	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	%	90	-	-
Maximum tensile force in XD	EN 12311-1	%	90	-	-
XD elongation at max tensile force	EN 12311-1	%	90	-	-
Water tightness	EN 1928 (A)	Class	W1	-	-
ADDITIONAL PROPERTIES					
Temperature resistance	-	°C	-	-40	+100
UV resistance	-	months	-	-	4
Product- / Functional layer thickness	-	µm	450 / 175	-	-
Water column	EN 20811	m	2	-	-
Windtight	-	-	yes	-	-
Emissivity	DuPont method	-	0,15	-	-
Effective R-value of air cavity with 2507M: (horizontal flow)	EN 6946 (calculated)	m ² K/W	0,5	-	-
(vertical flow)	(calculated)	m ² K/W	0,4	-	-

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Effective date:
26.11.2008

