DuPont™ Tyvek®
2480B

Technical Datasheet

CE

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

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

Style name	**2480B**	Language	**English**
Type of carrier	**HDPE**		

02 PE-HD

PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
FUNCTIONALITY: WATER VAPOUR TRANSMISSION, WATER TIGHTNESS, WEATHER DURABILITY					
Water vapour transmission (sd)	EN ISO 12572 (C)	m	0,03	0,015	0,05
Temperature resistance	-	°C	-	-40	+100
Flexibility at low temperature	EN 1109	°C	-	-	-40
UV exposure	-	months	-	-	4
Product- / Functional layer thickness		µm	220 / 220	-	-
Water tightness	EN 1928 (A)	class	W1	-	-
Water column	EN 20811	m	-	2	-
PHYSICAL AND MECHANICAL PROPERTIES					
Mass per unit area	EN 1849-2	g/m²	82	77	87
Reaction to fire	EN ISO 11925-2	class	E (*)	-	-
Maximum tensile force (MD)	EN 12311-1	N/50mm	250	200	300
Elongation at max. tensile force (MD)	EN 12311-1	%	10	6	14
Maximum tensile force (XD)	EN 12311-1	N/50mm	210	170	250
Elongation at max. tensile force (XD)	EN 12311-1	%	15	10	20
Resistance to tearing MD (nail shank)	EN 12310-1	N	90	65	115
Resistance to tearing XD (nail shank)	EN 12310-1	N	85	60	110
PROPERTIES AFTER AGEING					
Artificial ageing by UV and heat:	EN 1297 & EN 1296	residual value			
Water tightness	EN 1928 (A)	class	W1	-	-
Maximum tensile force in MD	EN 12311-1	%	90	-	-
MD elongation at max tensile force	EN 12311-1	%	85	-	-
Maximum tensile force in XD	EN 12311-1	%	90	-	-
XD elongation at max tensile force	EN 12311-1	%	85	-	-
ADDITIONAL PROPERTIES					
Length (customer related, expressed in m)	EN 1848-2	deviation in %	0	0	-
Width (customer related, expressed in mm)	EN 1848-2	deviation in %	0	-0,5	+1,5
Straightness	EN 1848-2	mm	-	-	30
Dimensional stability (MD & XD)	EN 1107-2	%	-	-	1
Resistance to penetration of air	EN 12114	m³/(m² h 50Pa)	-	-	0,1
Windtight	-	-	yes	-	-

(*): on mineral wool and wood

Effective date : 15/03/2011
First CE: 23/11/2005

the **Original** proven since 1990

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