

Vent3® Pro Breathable Roofing Underlay



Declaration of Performance to EN 13859-1: 2010

PROPERTIES	METHOD	UNITS	NOMINAL VALUE	TOLERANCE	
				MINIMUM	MAXIMUM
Informative Section:					
Length	EN 1848-2	M (%)	50,45,25,15	-0.5%	+1.5%
Width	EN 1848-2	M (%)	1 & 1.5	-0.5%	+1.5%
Straightness	EN 1848-2	-	conforming		
Mass per unit area	EN 1849-2	(g/m ²) (%)	165	-10%	+10%
Visible defects	EN 1850-2	-	without visible defects		
Normative Section:					
Reaction to fire	EN 13501-1	(class)	E	-	-
Resistance to water penetration	EN 13859-1	(class)	W1	-	-
Water vapour transmission Sd	EN 12572	M	0.02	-0.01	+0.015
Maximum tensile force MD/CD	EN 12311-1 EN 13859-1	M	295/185	-20/-20	+20/+20
Elongation MD/CD	EN 12311-1 EN 13859-1	(%)	75/82	-10/-10	+10/+10
Resistance to tearing MD/CD	EN 12310-1	(N)	295/255	-20/-20	+20/+20
Dimensional stability MD/CD	EN 1107-2	(%)	1	-	-
Flexibility at low temperature	EN 1109	(°C)	-20	-	-
Change of properties after artificial ageing:					
Resistance to water penetration	EN 13859-1	(class)	W1	-	-
Water vapour transmission Sd	EN 12572	M	0.02	-	-
Maximum tensile force MD/CD	EN 12311-1	(%)	<20	-	-
Elongation MD/CD	EN 12311-1	(%)	<40	-	-
Notes: MD - Machine Direction, CMD - Cross Machine Direction, npd - no performance determined, *-					
PRODUCT APPLICATION EN 13859-1					
Breathable waterproof roofing underlay manufactured by thermally bonding outer spunbonded polypropylene layers to inner layers of microporous polypropylene film for supported or unsupported pitched roof construction with or without sarking. It can be applied in direct contact with thermal insulation. Can also be used for vertical wall construction as breathable membrane and wind barrier.					
This product does not contain any dangerous substances.					