211A. Derbigum NT

CE 0749		
Date and reference of data sheet	:	25/08/2009 Réf. 211A
Product trade name	:	DERBIGUM NT
Producer	:	IMPERBEL S.A. – Perwez - Belgium
EC Certificate - year and number	:	07 BC2-310-0305-123-01
European standard reference	:	EN 13707
Product description	:	Plastomeric modified bitumen Reinforcements : Glassmat + Non-woven polyester Surfacing : upper side : fine mineral back side : talk Method of application : torched, glued mechanically fastened Roofing system : top layer single layer not for roof gardens

Packaging :

Characteristics	Test method / Classification	Units	Expression of result	Values
Thickness	EN 1849-1	mm	MDV (± 0,2)	3
Length	EN 1848-1	m	MLV	7,27
Width	EN 1848-1	m	MLV	1,10
Surface	-	m²	MLV	8
Mass per unit area	EN 1849-1	kg/m²	MDV (± 10%)	3,250
Roll weight	-	kg	MDV (± 2)	25
Number of rolls per pallet	-	-	-	30

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Product performance :				
Characteristics	**Test method / Classification**	**Units**	**Expression of result**	**Values or statement**
Watertightness	EN 1928 / A	-	-	Pass
External fire performance	ENV 1187-1	-	Classification according to EN 13501-5	B_{ROOF} (t1) B_{ROOF} (t2) B_{ROOF} (t3)
Reaction to fire	ISO 11925-2	-	Classification according to EN 13501-1	E
Peel resistance of joint	EN 12316-1	N/50mm	MDV	70 (± 20%)
Shear resistance of joint	EN 12317-1	N/50mm	MDV	560 (± 20%)
Maximum tensile force : - longitudinal direction - transverse direction	EN 12311-1	N/50mm	MDV	 700 (± 20%) 650 (± 20%)
Tensile elongation : - longitudinal direction - transverse direction	EN 12311-1	%	MDV	 45 (± 15) 45 (± 15)
Resistance to impact	EN 12691:2006 (Method B)	mm	MLV	1500
Resistance to static loading	EN 12730 (Method A)	kg	MLV	20
Resistance to tearing	EN 12310-1	N	MDV	200 (± 20%)
Dimensional stability	EN 1107-1	%	MLV	≤0.2
Flexibility at low temperature	EN 1109	°C	MLV	- 20
Flow resistance at elevated temperature	EN 1110	°C	MLV	140
Artificial ageing to elevated temperature : - Flexibility at low temperature	EN 1296 EN 1109	 °C	 MDV	 ≤ -15
Artificial ageing to UV + elevated temperature + water : - Visible defects	EN 1297 EN 1850-1	 -	 -	 No visible defects
MLV=Manufacturer's limiting value MDV=Manufacturer's declared value NPD=No Performance Determined				

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