

304B. Derbisolar base – IMPERBEL SA

Product performance :				
Characteristics	Test method / Classification	Units	Expression of result	Values or statement
Watertightness	EN 1928 / A	-	-	Pass
External fire performance	EN 1187-1	-	Classification according to EN 13501-5	Broof (t1) Broof (t2) Broof (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 ± 30N
Shear resistance of joint	EN 12317-1	N/50mm	MDV	600 (± 20%)
Maximum tensile force : - longitudinal direction - transverse direction	EN 12311-1	N/50mm	MDV	1000 (± 20%) 1000 (± 20%)
Tensile elongation : - longitudinal direction - transverse direction	EN 12311-1	%	MDV	5 (± 5) 5 (± 5)
Resistance to impact	EN 12691:2006 (Method B)	mm	MLV	1250
Resistance to static loading	EN 12730 (Method A)	kg	MLV	20
Resistance to tearing	EN 12310-1	N	MLV	≥ 350
Dimensional stability	EN 1107-1	%	MLV	≤ 0.3
Flexibility at low temperature	EN 1109	°C	MLV	- 20
Flow resistance at elevated temperature	EN 1110	°C	MLV	120
Artificial ageing to elevated temperature : -Flexibility at low temperature	EN 1296 EN 1109	°C	MDV	- 15 (± 3)
Artificial ageing to UV + elevated temperature + water : - Visible defects - Flexibility at low temperature	EN 1297 EN 1850-1 EN 1109	- °C	MDV	No visible defects - 15 (± 3)
MLV=Manufacturer's limiting value MDV=Manufacturer's declared value				