



SPECTRUM B40S – SPECTRUM B40G

0°C

Characteristics	Norms	U.M.	Test results		Tolerance
			SPECTRUM B40S	SPECTRUM B40G	
Norms	/	/	EN 13707	EN 13707	/
Carrier type	/	/	BPP - Plastomeric bitumen	BPP - Plastomeric bitumen	/
Compound	/	/	Polyester Spunbond	Polyester Spunbond	/
Upper surfacing	/	/	Silica powder	Slate chips white	/
Lower surfacing	/	/	Film PE	Film PE	/
Type of application	/	/	SS-Underlayer/SP-Under heavy	SF-Top layer	/
Method of application	/	/	Torch	Torch	/
Visible defects	EN 1850-1	-	Pass	Pass	/
Length	EN 1848-1	m	≥ 10 -1%	≥ 10 -1%	/
Width	EN 1848-1	m	≥ 1 -1%	≥ 1 -1%	/
Straightness	EN 1848-1	-	Pass	Pass	/
Thickness	EN 1849-1	mm	4	4 (on slate)	± 5 %
Watertightness (metodo B)	EN 1928:2000	-	Pass	Pass	/
External fire performance	EN 13501-5	-	F roof	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS F	EUROCLASS F	/
Shear resistance of joint					
- heat lap	EN 12317-1	N/50 mm	650	650	- 20%
- side lap			400	400	- 20%
Tensile properties					
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	750	750	- 20%
-maximum transversal tensile strength		N/50 mm	500	500	- 20%
- longitudinal elongation		%	40	40	- 15 pp
- transversal elongation		%	40	40	- 15 pp
Resistance to impact	EN 12691	mm	1000	1000	/
Resistance to static loading	EN 12730	kg	10	10	/
Resistance to tearing (nail shank)					
- longitudinal	EN 12310-1	N	150	150	- 30%
- transversal			150	150	- 30%
Dimensional stability	EN 1107-1	%	≤ 0,5	≤ 0,5	/
Flexibility at low temperature	EN 1109	°C	0	0	/
Flow resistance at elevated temperature	EN 1110	°C	120	120	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	°C	110	110	- 10°C
Water vapour transmission properties	EN 1931	-	μ = 20.000	μ = 20.000	/

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All indications in this specification sheet are based upon our experience and current working practices.