

**ECOFLEKS 5 mm MINERAL WHITE**

**0 °C**

Characteristics	Norms	U.M.	Test results	Tolerance
			ECOFLEKS 5 mm MINERAL WHITE	
Norms	/	/	EN 13707	/
Carrier type	/	/	BPP - Plastomeric bitumen	/
Compound	/	/	Polyester Spunbond	/
Upper surfacing	/	/	Slate chips white	/
Lower surfacing	/	/	Film PE	/
Type of application	/	/	SF-Top layer	/
Method of application	/	/	Torch	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ (7,5 -1%)	/
Width	EN 1848-1	m	≥ (1 -1%)	/
Straightness	EN 1848-1	-	Pass	/
Thickness	EN 1849-1	mm	5 (on slate)	± 5 %
Watertightness (metodo B)	EN 1928:2000	-	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS E	/
Shear resistance of joint - heat lap - side lap	EN 12317-1	N/50 mm	750 550	- 20% - 20%
Tensile properties -maximum longitudinal tensile strength -maximum transversal tensile strength - longitudinal elongation - transversal elongation	EN 12311-1	N/50 mm N/50 mm % %	850 650 45 45	- 20% - 20% - 15 pp - 15 pp
Resistance to impact	EN 12691	mm	1250	/
Resistance to static loading	EN 12730	kg	15	/
Resistance to tearing (nail shank) - longitudinal - transversal	EN 12310-1	N	180 180	- 30% - 30%
Dimensional stability	EN 1107-1	%	≤ 0,5	/
Flexibility at low temperature	EN 1109	°C	0	/
Flow resistance at elevated temperature	EN 1110	°C	120	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	°C	110	- 10°C
Water vapour transmission properties	EN 1931	-	μ = 20.000	/

REV 01\_18

TECHNINICOL ITALIA srl reserves the right to modify the technical data in this specification sheet which is based on current production without prior warning.

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

**TECHNINICOL ITALIA s.r.l.**

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