

**SCUDOART PLUS 4,5 KG MINERAL
(SHINGLES ROLLS)**

- 10 °C

Characteristics	Norms	U.M.	Test results	Tolerance
			SCUDOART PLUS MINERAL	
Norms	/	/	EN 13707	/
Compound upper side	/	/	BPP - Plastomeric bitumen	/
Compound bottom side and selvedge			BPE - Elastomeric bitumen Self-Adhesive	
Carrier type	/	/	Polyester stabilized	/
Upper surfacing	/	/	Coloured design + siliconized selvedge	/
Lower surfacing	/	/	Removable siliconized film	/
Type of application	/	/	SF-Top layer	/
Method of application	/	/	Self adhesive	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ (10 -1%)	/
Width	EN 1848-1	m	≥ (1 -1%)	/
Straightness	EN 1848-1	-	Pass	/
Mass per unit area	EN 1849-1	kg/m ²	4,5	± 10 %
Watertightness (metodo B)	EN 1928	60 kPa	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS E	/
Tensile properties				
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	750	- 20%
-maximum transversal tensile strength		N/50 mm	550	- 20%
- longitudinal elongation		%	40	- 15 pp
- transversal elongation		%	40	- 15 pp
Resistance to impact	EN 12691	mm	1250	/
Resistance to static loading	EN 12730	kg	15	/
Resistance to tearing (nail shank)	EN 12310-1	N	160	- 30 %
- transversal			180	- 30 %
Dimensional stability	EN 1107-1	%	≤ 0,3	/
Flexibility at low temperature	EN 1109	°C	- 10	/
Flow resistance at elevated temperature	EN 1110	°C	≥ 120 (only plastomeric bitumen)	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	-	110	- 10 °C
Adhesion of granules	EN 12039	Loss %	< 30	/
Water vapour transmission properties	EN 1931	-	μ = 20.000	/

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TECHNONICOL 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.

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