

SCUDOGARDEN PP/E

- 5°C

Characteristics	Norms	U.M.	Test results	
			SCUDOGARDEN PP/E	Tolerance
Norms	/	/	EN 13707	/
Compound	/	/	BPP - Plastomeric bitumen	/
Carrier type	/	/	Polyester	/
Upper surfacing	/	/	Sand	/
Lower surfacing	/	/	Film PE	/
Type of application (1)	/	/	SS-SP-SA	/
Method of application	/	/	Torch	/
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	/
Thickness	EN 1849-1	mm	4	- 0,2 mm
Watertightness (metodo B)	EN 1928	-	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS - F	/
Shear resistance of joint				
- heat lap	EN 12317-1	N/50 mm	750	- 20%
- side lap			500	
Tensile properties				
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	850	- 20%
-maximum transversal tensile strength		N/50 mm	600	- 20%
- longitudinal elongation		%	45	- 15 pp
- transversal elongation		%	45	- 15 pp
Resistance to impact	EN 12691	mm	1000	/
Resistance to static loading	EN 12730	kg	15	/
Resistance to tearing (nail shank)				
- longitudinal	EN 12310-1	N	160	- 30 %
- transversal			160	
Resistance to root penetration	EN 13948	-	Pass	/
Dimensional stability	EN 1107-1	%	≤ 0,5	/
Flexibility at low temperature	EN 1109	°C	-5	/
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	/	-	μ = 20.000	/

(1) M-Single layer/SF-Top layer/SS-Underlayer/SP-Under heavy protection/ST-sottotegola/F-fondation/SA-root system/
 BV-Vapour barrier/T-seal strips