

SCUDOPLAST CAR

-15°C

Characteristics	Norms	U.M.	Test results	
			SCUDOPLAST CAR	Tolerance
Norms	/	/	EN 14695	/
Carrier type	/	/	Polyester	/
Compound	/	/	BPP - Plastomeric bitumen	/
Upper surfacing	/	/	Sand	/
Lower surfacing	/	/	Film PE	/
Type of application	/	/	Concrete Bridge Decks	/
Method of application	/	/	VERPRIM PROFESSIONAL + Torch	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ 10 -1% ≥ 7,5 -1% (Thickness 5 mm)	/
Width	EN 1848-1	m	≥ 1 -1%	/
Straightness	EN 1848-1	-	Pass	/
Thickness	EN 1849-1	mm	4 - 5	- 0,2 mm
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASSE F	/
Ring & Ball	ASTM - D36	°C	> 150	/
Tensile properties				
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	1250	✓ - 20%
-maximum transversal tensile strength		N/50 mm	1050	✓ - 20%
- longitudinal elongation		%	50	- 15 pp
- transversal elongation		%	50	- 15 pp
Resistance to impact (method A)	EN 12691	mm	1750	/
Resistance to static loading (method B)	EN 12730	kg	25	/
Resistance to tearing (nail shank)				
- longitudinal	EN 12310-1	N	220	✓ - 30 %
- transversal			220	
Dimensional stability at 80 °C	EN 1107-1	%	≤ 0,5	/
Dimensional stability at 160 °C	EN 1107-1	%	≤ 1,0	/
Flexibility at low temperature	EN 1109	°C	- 15	/
Flow resistance at elevated temperature	EN 1110	°C	140	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1109	°C	- 15	+ 10 °C
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	°C	140	- 10 °C
Determination water absorption	UNI EN 14223	%	< 1	/
Determination of bond strength	UNI EN 13596	N/mm ²	Test Specimens Type 1 ≥ 0,4	/
Shear strength	UNI EN 13653	N/mm ²	0,17	/
Crack Bridging Ability	UNI EN 14224	/	NPD	/
Compatibility by heat conditioning	UNI EN 14691	/	NPD	/
Resistance to compaction of an asphalt layer	UNI EN 14692	/	Method 1 - Type 3 Pass	/
Determination of the behaviour of bitumen sheets during application of mastic asphalt	UNI EN 14693	/	NPD	/
Watertightness UNI EN 14694 without pretreatment	UNI EN 14694	/	Pass	/

Rev.01/15

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