

TECHNICAL FILE

application: Roofline
Rigid PVC

date: 7/11/2019
version: v2



		EN 13245-1:2010	based on	specific property	unit	value	
MATERIAL CHARACTERISTICS	physical properties	density	---	ISO 1183-1/A	kg/dm ³	0,51 ± 0,02	
	mechanical properties	modulus of elasticity in flexure (co-extruded profile)	§ 5.2	ISO 178	flexural modulus	MPa 3200 ± 320	
	thermal properties	linear thermal expansion (-20 °C ... +60°C)	---	internal test method		mm/m.°C	0,07
vicat softening point (hard PVC-U top layer)		§ 5.1	ISO 306/B50		°C	≥ 75	
PRODUCT CHARACTER	durability	artificial weathering (8 GJ/m ² ; 300-800 nm)	§ 5.6	EN 513 method 1	change in colour; grey scale ISO 105/A03; cleaned surface	grade	3/4 (mass colour, not for col 8,12 , 684 if exposed to direct sunlight); 4 (foil); 3 (Decoroc)
		artificial weathering (8 GJ/m ² ; 300-800 nm)	§ 5.6/6.1	EN 513 method 1	adhesion coating (resistance to cross cut)	class	0
		artificial weathering	§ 5.6/6.4	EN 513 method 1	adhesion foil (peel strength)	N/mm	≥ 2
	thermal properties	heat reversion (100 °C)	§ 5.4	EN 479		%	≤ 4
		single flame source	---	ISO 11925-2	classification EN 13501-1	class	D s3 d2 (mass coloured); C s3 d2 (Decoroc); E (foiled)
		single burning item	---	EN 13823	classification EN 13501-1	class	

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