

TECHNICAL FILE

application: premium flat 200 mm date: P2730 foiled

24/06/2019



		EN 13245-2:2008/AC:2009	EN 13245-3:2010	based on	specific property	unit	value		
MATERIAL CHARACTERISTICS	physical properties	density (co-extruded profile); not foiled	---	---	ISO 1183-1/A	kg/dm³	0,90 ± 0,05		
	thermal properties	linear thermal expansion (-20 °C ... +60 °C)	---	---	internal test method	mm/m.°C	0,05		
		vicat softening point (hard PVC-U top layer)	---	---	ISO 306/B50	°C	≥ 75		
PRODUCT CHARACTERISTICS	mechanical properties	impact resistance (23 °C)	§ 4.3	§ 5.4	EN 477 / EN 13245-3:2010 Annex B	falling mass (T, J)	(23, 20)		
	durability	artificial weathering (2 GJ/m²; 300-800 nm)	§ 4.4	§ 5.5	EN 513 method 1	charpy impact strength retention	%	≥ 50	
		artificial weathering (8 GJ/m²; 300-800 nm)	---	§ 5.5	EN 513 method 1	change in colour; grey scale ISO 105/A02; cleaned surface	code	class	A.2
		artificial weathering	---	§ 5.5/6.4	EN 513 method 1	adhesion foil (peel strength)	grade	≥ 4	
	thermal properties	heat reversion (75 °C)	---	§ 5.3	EN 479		N/mm	≥ 2	
		thermal resistance	---	§ 6.2	EN 478	24 h / 70 °C	%	≤ 1 (Code 1)	
		single flame source	§ 4.1	---	ISO 11925-2	classification EN 13501-1		no bubbles, blistering, cracking or delamination	
		single burning item	§ 4.1	---	EN 13823	classification EN 13501-1	class	E	
							class	---	

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