



TECHNICAL DATASHEET

TRESPA® METEON®

High Pressure Laminate sheets

PROPERTY		UNIT	VALUE	STANDARD	VARIABLE
General					
Density		g/cm ³	≥ 1,35	EN ISO 1183	
Surface quality	Spots, dirt, similar surface defects	mm ² /m ²	≤ 2	EN 438-2 : 4	
	Fibres, hairs & scratches	mm/m ²	≤ 20		
Mechanical					
Resistance to impact by large diameter ball	Indentation diameter - 6 ≤ t mm with drop height 1.8 m	mm	≤ 10	EN 438-2 : 21	
Modulus of elasticity	Stress	MPa	≥ 9000, Curved Elements: ≥ 8000	EN ISO 178	
Flexural strength	Stress	MPa	≥ 120	EN ISO 178	
Tensile strength	Stress	MPa	≥ 70	EN ISO 527-2	
Resistance to fixings	Pull out strength	N	≥ 2000	ISO 13894-1	6 mm thickness
Thermal					
Dimensional stability at elevated temperature	Cumulative dimensional change	Longitudinal %	≤ 0.25	EN 438-2 : 17	
		Transversal %	≤ 0.25		
Thermal resistance / conductivity		W/mK	0,3	EN 12524	
Dimensional tolerances					
Thickness		mm	+/- 0,40	EN 438-2 : 5	6 mm thickness
Flatness		mm/m	≤ 2	EN 438-2 : 9	
Length & width		mm	+5 / -0	EN 438-2 : 6	
Straightness of edges		mm/m	≤ 1	EN 438-2 : 7	
Squareness		mm	3050 x 1530 = max. difference between diagonals (x-y) = 4	Trespa Norm	

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PROPERTY		UNIT	VALUE	STANDARD	VARIABLE	
Weather resistance						
Resistance to wet conditions	Mass increase	%	≤ 3	EN 438-2 : 15		
	Appearance	Rating	≥ 4			
Resistance to climatic shock	Flexural strength index (Ds)	Index	≥ 0,95	EN 438-2 : 19		
	Flexural modulus index (Dm)	Index	≥ 0,95			
	Appearance	Rating	≥ 4			
Resistance to artificial weathering (incl. light fastness)	Contrast	Grey scale ISO 105 A02	4-5	EN 438-2 : 29	<i>West European cycle</i>	
	Contrast	Grey scale ISO 105 A03	4-5			
	Appearance	Rating	≥ 4			
Resistance to artificial weathering (incl. light fastness)	Contrast	Grey scale ISO 105 A02	4-5	Trespa Norm	<i>Florida cycle 3000hrs</i>	
	Contrast	Grey scale ISO 105 A03	4-5			
	Appearance	Rating	≥ 4			
Resistance to SO ₂	Contrast	Grey scale ISO 105 A02	4-5	DIN 50018		
	Contrast	Grey scale ISO 105 A03	4-5			
	Appearance	Rating	≥ 4			
Fire classification						
Fire rating	EU		D-s2, d0	EN 438-7	6 mm thickness	
	DE		B2	DIN 4102-1		
	FR		M3	NF P 92-501		
	CHN		D-s2, d0	GB 8624		

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