



TECHNICAL SPECS.

Dimensions, thicknesses and weight

Standard dimensions

- 3050 × 2000 (mm)
- 3050 × 1500 (mm)
- 3050 × 1300 (mm)
- 2500 × 1300 (mm)
- 2800 × 1300 (mm)
- 3050 × 1000 (mm)
- 3050 × 1860 (mm)

Thicknesses & Weight

Thickness (mm)	4	6	8	10
Approx. weight (Kg /m2)	5.6	8.4	11.2	14

Surfaces Finishes:

Matt

Glossy

P2: Fine textured finish

P7: Glossy pebble grained finish

P10: Woody finish

P12: Wood grain matt

Customized dimensions and thicknesses available upon customer request.

Technical specification Table (Technical Data of The Exterior Grade Tempo)

PROPERTY	STANDARD	Grade Units	RESULTS	EGS	EGF
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PROPERTY	STANDARD	Grade Units	RESULTS	
			EGS	EGF
Thickness Tolerance	EN 438-2-5:2005	mm	2,0 ≤ t < 3,0 mm: ± 0.20 mm	
			3,0 ≤ t < 5,0 mm: ± 0.30 mm	
			5,0 ≤ t < 8,0 mm: ± 0.40 mm	
			8,0 ≤ t < 12,0 mm: ± 0.50 mm	
			12,0 ≤ t < 16,0 mm: ± 0.60 mm	
			16,0 ≤ t < 20,0 mm: ± 0.70 mm	
			20,0 ≤ t < 25,0 mm: ± 0.80 mm	
25,0 ≤ t : to be agreed between supplier and customer.				
Length and Width	EN 438-2-6:2005	mm	+ 10 mm/ - 0 mm	
Straightness of edges	EN 438-2-7:2005	mm/m	1,5 mm/m maximum deviation	
Squareness	EN 438-2-8:2005	mm/m	1,5 mm/m maximum deviation	
Flatness Tolerance	EN 438-2-9:2005	mm	maximum deviation	
			2,0 ≤ t < 6,0 mm: 8,0 mm/m	
			6,0 ≤ t < 10,0 mm: 5,0 mm/m	
Resistance to Surface Wear	EN 438-2-10:2005	Revolutions (min)	Initial Point = 150 Wear Value = 350	
	EN 438-2-12:2005	Mass increase % (max)	2 mm ≤ t < 5 mm : 5 7	
Resistance to Immersion in Boiling Water		Thickness Increase % (max)	2 mm ≤ t < 5 mm : 6 9	
			t ≥ 5 mm : 2 6	
			Appearance Gloss finish 3 3	
			Other finishes 4 4	
Resistance to water vapour	EN 438-2-14:2005	Rating (min.)	4	4
Resistance to wet conditions	EN 438-2-15:2005	Mass increase	2 ≤ t < 5 mm: 7 10	
		% (max)	t ≥ 5 mm: 5 8	
		Rating (min.)	Appearance 4 4	
Dimensional stability at elevated temperature	EN 438-2-17:2005	% (max.)	2 ≤ t < 5 mm: L = 0.4 L = 0.4	
			T = 0.8 T = 0.8	
			t ≥ 5 mm: L = 0.3 L = 0.3	
Resistance to Climatic Shock	EN 438-2-19:2005	Rating (min.)	4 4	
			Flexural strength index Ds (min)	0,95 0,95
Resistance to Impact by Large Diameter Ball	EN 438-2-21:2005	Flexural modulus index Dm (min)	0,95 0,95	
		mm (min) mm (max) mm (min) mm (max)	Drop height : 2 ≤ t < 6 : 1400 mm Indent diameter : < 10 mm Drop height : t ≥ 6 : 1800 mm Indent diameter : < 10 mm	
Resistance to Scratching	EN 438-2-25:2005	Rating (min.)	4	4
Resistance to Fire	EN 13501-1:2002	Rating (min.)	D-s2,d0 or better	t ≥ 6mm B-s2,d0 t < 6mm

PROPERTY	STANDARD	Grade Units	RESULTS		
			EGS	EGF	C-s2,d0
Resistance to Staining	EN 438-2- 26:2005	Rating (min.)	Groups (1&2)	5	5
			Groups (3)	4	4
Resistance to UV Light	EN 438-2- 28:2005	Rating (min.)		4	4
Resistance to Artificial Weathering	EN 438-2- 29:2005	Rating (min.)		4	4
Density	EN ISO 1183- 1:2004	Kg/m ³ (min)		1350	1350
Flexural Strength	EN ISO 178 : 2003	Mpa (min)		80	80
Flexural Modulus	EN ISO 178 : 2003	Mpa (min)		9000	9000

Note:

t= Nominal thickness, EN= European Norm Standard, L= Machine direction, T= Cross-machine direction
E= Exterior Grade, G= General purpose or moderate use, D= Heavy duty or severe use, S= Standard
grade, F= Flame-retardant grade.

D= Classes Fire Behaviour, S2= Smoke Production, d0= Flaming droplets.