



PROPERTY	UNIT	VALUE	STANDARD	VARIABLE
<b>General</b>				
Density	kg/m <sup>3</sup>	≥1350	EN ISO 1183-1	
Weight	kg/m <sup>2</sup>	8,4		t: 6 mm
		11,2		t: 8 mm
		14,0		t: 10 mm
		16,8		t: 12 mm
Mass Increase	%	<2	EN 438-2 nr. 9	t: 6 mm
Thickness Increase	%	<2	EN 438-2 nr. 9	t: 6 mm
Weather and light fastness (Xenon 3000 hours, TNO tested)	Grey scaling rating	4 - 5	EN ISO 20105-A02	t: 6 mm
Factory Production Control FPC		ISO 9001	EN ISO 9001	
CE marking		EN 438-7		2022 version
Warranty		10 years on delamination and discoloration		
<b>Mechanical</b>				
Elastic modulus	Mpa	>10000	EN ISO 178	t: 6 mm
Flexural strength	Mpa	≥100	EN ISO 178	t: 6 mm
Torx screw pull resistance	N	2000	ISO 13894-1	t: 6 mm
		3000		t: 8 mm
		4000		t: 10 mm
		5000		t: 12 mm
<b>Dimensional tolerances</b>				
Thickness tolerance	mm	+/- 0,30	EN 438-2 nr. 5	3 ≤ t ≤ 5 mm
		+/- 0,40		5 ≤ t ≤ 8 mm
		+/- 0,50		8 ≤ t ≤ 12 mm
Length and width tolerance	mm	+10 / -0	EN 438-2 nr. 6	



PROPERTY	UNIT	VALUE	STANDARD	VARIABLE
<b>Dimensional tolerances</b>				
Flatness tolerance	mm/m	8	EN 438-2 nr. 9	$2 \leq t \leq 6$ mm
		5		$6 \leq t \leq 10$ mm
		3		$10 \leq t \leq 15$ mm
<b>Thermal</b>				
Thermal conductivity (100°C water/ 2 hours)	W/(m*K)	0,23	DIN 52612	t: 6 mm
<b>Fire classification</b>				
Fire rating EU		D-s2,d0	EN 13501-1	