



COMPOSITES GUREA

**TECHNICAL DATA SHEET****PARKLEX 500 VDF**REF: FT1440P5VDF  
REV: 002 / July 2006  
Page 1 de 1

REFERENCE: PARKLEX 500 VDF

THICKNESS:  $\geq 14$  mm

SURFACE FINISH: LISSE

**TECHNICAL SPECIFICATIONS**

TESTS	STANDARD	PROPERTY OR ATTRIBUTE	MESURE UNIT	RESULTS
<b>1. INSPECTION REQUIREMENTS</b>				
Colour, pattern and surface finish	EN 438-8 Apto. 5.2.2.3	Due to the fact that wood is a natural product, each veneer may be considered as unique. Colour and structure differences are considered as normal. Singularities such as knots and resin inclusions are not considered as defects, but as a part of the décor. There are differences in light fastness performances depending on the wood species and the source of the wood.		
<b>2. DIMENSIONAL TOLERANCES</b>				
Thickness (t)	EN 438-2 Part. 5	t = 6,0 t = 8,0 t = 11,0 t = 14,0 t = 20,0 t = 25,0 t = 40,0	mm	+ 1,0 / - 0,6 + 1,0 / - 0,7 + 1,2 / - 0,8 + 1,3 / - 0,9 + 1,4 / - 1,0 + 1,6 / - 1,2 + 2,0 / - 1,6
Tolerance for the variations in thickness in a board	EN 315:1.993	t (Nominal thickness)	mm	$\leq 0,6$
Length and width	EN 438-2 Part. 6	----	mm	+ 10 / - 0
Edge straightness	EN 438-2 Part. 7	----	mm/m	1,5
Edge squareness	EN 438-2 Part. 8	----	mm/m	1,5
<b>3. GENERAL</b>				
Resistance to surface wear	EN 438-2 Part. 10	Resistance to surface wear	Revolutions Initial wear point Wear resistance	$\geq 50$ $\geq 150$
Resistance to immersion in boiling water	EN 4382- Part.12	Aspect	Rating	$\geq 4$
Resistance to scratching	EN 438-2 Part. 25	Force	Rating	$\geq 2$
Lightfastness (xenon arc)	EN 4382- Part. 27	Contrast	Grey scale rating	$\geq 4$ < 4 (A)
Flexural strength	EN 310	Longitudinal direction Transversal direction	Mpa	$\geq 70$ $\geq 60$
Flexural Modulus	EN 310	Longitudinal direction Transversal direction	Mpa	$\geq 7.000$ $\geq 6.000$
<b>4. CE SAFETY REQUIREMENTS</b>				
Resistance to fixings	EN 438-7 Part. 4.5	Force	Nw/mm	$\geq 130$
Bonding strength	EN 438-7 Part. 4.7	Bond strength	Mpa	$\geq 2,640$
Flexural tensile strength	EN 438-7 Part. 4.8	Bond strength	Mpa	$\geq 2,640$
Content of pentachlorophenol	EN 438-7 Part. 4.10	Content pentachlorophenol	Ppm	$\leq 5$
Glue-line quality	EN 438-7 Part. 4.13.3	Expression of results	Rating	3
Resistance to elevated temperature	EN 438-7 Part. 4.13.3	Aspect	Result	No damage
Water resistance	EN 438-7 Part. 4.13.3	Thickness increase	%	$\leq 2,5$
Release of formaldehyde	EN 717-1	Release of formaldehyde	Rating	E1
Reaction to fire	EN 13.501-1	Euroclass t $\geq 14$ mm	Classification	B-s2,d0
Density	-	Density	gr/cc	$\geq 0,80$
Perpendicular tensile strength	ASTM C 297	Adhesion force	Mpa	$\geq 2$

(A) Haya Gris; Maple; Fresno Museo; Bryna; Ayous Natural ; Ayous Brown Oscuro; Cerezo; Haya; Roble Reconstituido