



COMPOSITES GUREA

TECHNICAL DATA SHEET**PARKLEX FACADE S**REF: FT0640P1EDS
REV: 005 /April 2008
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REFERENCE: PARKLEX FACADE S

THICKNESS: ≥ 6 mm

SURFACE FINISH: LISSE

TECHNICAL SPECIFICATIONS

TESTS	STANDARD	PROPERTY OR ATTRIBUTE	MESURE UNIT	RÉSULTS
1. INSPECTION REQUIREMENTS				
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		
2. DIMENSIONAL TOLERANCES				
Thickness (t)	EN 438-2 Part. 5	6,0 \leq t < 8,0 8,0 \leq t < 12,0 12,0 \leq t < 16,0 16,0 \leq t < 20,0 20,0 \leq t < 25,0	mm	$\pm 0,40$ $\pm 0,50$ $\pm 0,60$ $\pm 0,70$ $\pm 0,80$
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
3. PHYSICAL PROPERTIES				
Flexural strength	EN ISO 178	Longrain Crossgrain	Mpa	> 80 > 80
Flexural Modulus	EN ISO 178	Longrain Crossgrain	Mpa	> 9.000 > 9.000
Resistance to wet conditions	EN 438-2 Part.15	Moisture absorbed Appearance	% Rating	≤ 5 ≥ 4
Dimensional stability at elevated temperatures	EN 438-2 Part.17	Cumulative dimensional change (t ≥ 6 mm)	% max	0,30 0,60
Resistance to impact y large diameter ball	EN 438-2 Part.21	Maximun height for which no visible surface cracking or imprint greater than 10 mm (t ≥ 6 mm)	mm	≥ 1.800
Tensile strength	EN ISO 527-2	Longrain Crossgrain	Mpa	> 60
Density	EN ISO 1.183	Density	gr/cc	$\geq 1,35$
Determination of graffiti resistance	ASTM D 6578:2000	Cleanability level	Permanent blue maker Spray red paint Wax black crayon Water based ink black maker	Level 4 Level 4 Level 1 Level 2
4. WEATHER RESISTANCE REQUIREMENTS				
Resistance to climatic shock	EN 438 - 2 Part.19	Appearance Flexural strength Elastic modulus	Rating min min	≥ 4 $\geq 0,95$ $\geq 0,95$
Resistance to UV light	EN 438 - 2 Sect.28 Rating EN 20105 - A02	Contrast Aspect	Grey scale rating Rating	≥ 3 ≥ 4
Resistance to artificial weathering (including light fastness)	EN 438-2 Part.29 Rating according to EN 20105 - A02	Contrast Appearance	Grey scale rating Rating	GOLD (3.000 Heures) ≥ 3 AMBAR (6.000 Heures) ≥ 3 RIBI (5.000 Heures) ≥ 3 COPPER (6.000 Heures) ≥ 3 ONIX (6.000 Heures) ≥ 3 SILVER (3.000 Heures) ≥ 3 QUARTZ (3.000 Heures) ≥ 3 ≥ 4
5. CE SAFETY REQUIREMENTS				
Thermal resistance/Conductivity	EN 12663	Thermal conductivity (λ)	W/m K	0,261
Water vapour permeability	EN 438-7 Part. 4.4	Wet cup method Dry cup method	μ	110 250
Résistance to fixings	EN 438-7 Part. 4.5	Screw holding value	Nw	> 2.000
Reaction to fire	EN 13.501-1	Euroclass t ≥ 6 mm Euroclass t ≥ 8 mm	Classification	D-s2,d0 C-s1,d0