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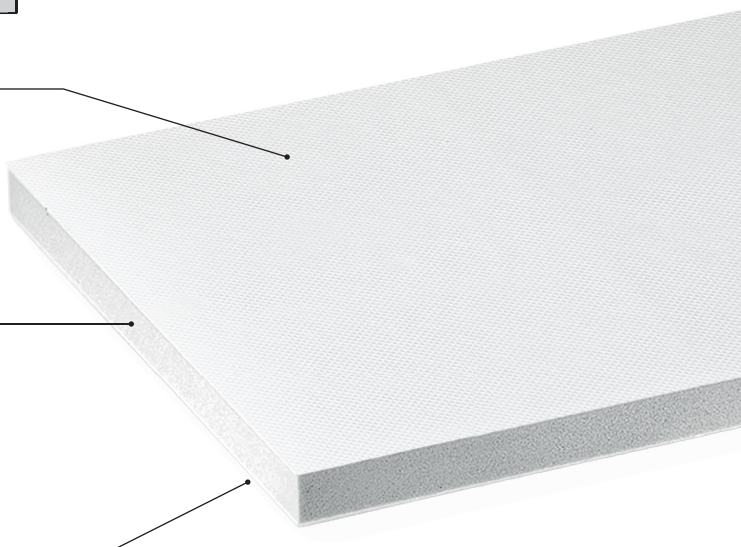
CLEARPET

Panel's composition

SKINS IN GLASSFIBRE FABRIC
Impregnated with epoxy resin 680g/m²

CORE
PET foam core





Technical data sheet for standard panels (dimensions, materials and special finishes on request)									
TECHNICAL CHARACTERISTICS OF PANEL	Panel thickness		mm	from 5 to 31,4					
	Panel size		mm	Standard dimensions 2000x3000 other dimensions on request					
	Thickness tolerance		mm	±0,4					
	Dimension tolerance		mm	± 30					
	Skins thickness		mm	0,7					
	Skin			Glassfibre fabric					
	Core materials			PET foam core					
	Core thickness		mm	from 3,6 to 30					
	Core density		Kg/m³	from 80 to 200					
	Adhesive			Transparent Epoxy Resin					
PANEL PHISIC AND MECHANIC PERFORMANCES	Panel Thickness (some examples)		mm	5	10	15	20	25	30
	Panel weight		Kg/m²	2,6	3,1	3,6	4,1	4,6	5,1
	Compressive stabilised strength	ASTM C 365-365 M	Mpa	1,3					
	Core shear modulus		Mpa	24					
	Maximum load	ASTM C 393 †	N	140±10	320±10	500±10	670±10	850±10	1000±10
	Deflection at maximum load	ASTM C 393 †	mm	60±2	30±2	20±2	15±2	13±2	10±2
	Skins E Elastic Modulus**		Mpa	12000±2000					
	Moment of inertia **		mm⁴/m	6528	30328	71628	130428	206728	300528
	Middle resistance to peeling **	ASTM D1781-98 (2012)		>450 N/76 mm or >50 Nmm/mm					
	Maximum service temperature **		°C	- 40/ + 60					

* Data referring to a sandwich panel with PET density 100 kg/m³
** Tested by Internal Laboratory
† Sample dimension with 4 support points (L,W) 540 mm x 50 mm

Sandwich Panel CLEARPET

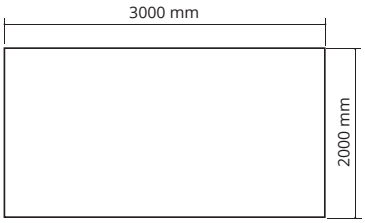
Last Revised: 07/26_Rev.2

CEL COMPONENTS

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Standard dimensions (other dimensions available on request) - Dimension tolerance ±30mm



Sandwich Panel CLEARPET

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