



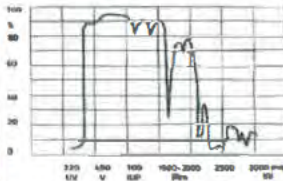
EC – DECLARATION OF PERFORMANCE



PRODUCER	
COMPANY ADDRESS	
MANUFACTURING ADDRESS	
PRODUCT FEATURES	POLYCARBONATE SOLID SHEET
PRODUCT RELATED REGULATION	89/106/ AT CONSTRUCTION MATERIALS REGULATION
PRODUCT STANDARD	TS 6997 EN ISO 11963

PRODUCT FEATURES		SIZE AND TOLERANTS : 1,0.....12mm / ± 0,4				
REPRESENTATIONS	Acoustic	Typical Properties	Unit	Test Value	Test Method	
		Sound Reduction (Thickness : 8mm)	dB	28	EN14388	
		Sound Reduction (Thickness : 10mm)	dB	31	EN14388	
		Sound Reduction (Thickness : 12mm)	dB	34	EN14388	
	Test	Typical Properties	Unit	Test Value	Test Method	
		Density	gm/cc	1,2	ASTM D 792	
		Fire Response Class	mm	non flammable (B1)	TS EN ISO 11925-2	
		Oxygen Index	%	28	ASTM D 2863	
	General	Water Absorption	%	< 0,45	ASTM D 570	
		Light Transmission	%	> 85	ASTM D 1003	
		Mechanical	Tensile Strength at Yield	Mpa	60	ASTM D 638
			Tensile Strength at Break	Mpa	70	ASTM D 638
			Elongation at Yield	%	6	ASTM D 638
			Elongation at Break	%	125	ASTM D 638
			Tensile Modulus	Mpa	2400	ASTM D 638
			Flexural Strength	Mpa	100	ASTM D 790
			Taber Abrasion	mg/1000 cycles	10	ASTM D 1044
			Charpy Impact Notched	kJ/m ²	40	ASTM D 256
	Izod Impact Notched		kJ/m ²	75	ASTM D 256A	
	Impact Resistance		joules	72	ASTM F 736	
	Thermal	Vicat Softening Point	°C	148	ASTM D 1525	
		Heat Deflection Temperature	°C	132	ASTM D 648	
		Thermal Index-Electrical Properties	°C	100	UL 746B	
		Thermal Index-Mechanical Properties	°C	120	UL 746B	
		Coefficient of Linear Thermal Expansion	mm/m°C	0,065	ASTM D 696	
		Shrinkage	%	<3	BSEN ISO	

Fire Gradation	Thickness (mm)	4	6	8	10
	NFP 90-501, 92-504, 92-505	M1	M1	M2	M2
	DIN 4102	B1	B1	B1	B2
	EN 13501	/	B s1 d0	B s1 d0	B s1 d0



In accordance with the stated Standards of Product/Products in Name Type or Model, Polycarbonate Multiwall Sheet, TS 6997 EN ISO 11963 Standard and 89/106/ AT We have produced to meet the Building Material Regulations. CE we declare that we mark it.



08.08.2018
Company Stamp / Authorized signature

