FIȘĂ TEHNICĂ BOND PVDF			
Panel Thickness	Standard	Unit	4mm
Thickness of Aluminium	DIN 1784	mm	0.3mm-0,5mm
Aluminum thickness deviation	DIN 1784	mm	±0.01
Weight		Kg/m^2	5.1 - 5.63
Tolerance in length	DIN 16927 / ISO 11833-1	mm	-1/+3
Tolerance in width	DIN 16927 / ISO 11833-1	mm	-0/+1.5
Tolerance in thickness	DIN 16927 / ISO 11833-1	mm	±0.15
Dimensions			1500x3000mm;1500x4000mm
Horizontal flatness	DIN ISO 1101	mm	5
Longitudinal roughness	DIN ISO 1101	mm	6
Technical Properties			
Section Modulus W	DIN 53293	cm^3/m	1.75
Rigidity (Poisson's	DIN 53293	kNm^2/m	0.28
Alloy	EN 573-3	ENAW	1100
Temper of Cover Sheets	EN 515		H16/H18
Modulus of Elasticity	EN 1999 1-1	N/mm^2	70,000
Tensile Strength of Aluminium	EN 485-2	N/mm^2	Rm≥145
0.2% Proof Stress	EN 485-2	N/mm^2	Rp0.2≥100
Elongation	EN 485-2	%	A50≥2
Linear Thermal Expansion	EN 1999 1-1	$mm/m/^oC$	2.4at 100°CTemp difference
Core			
Polyethylene, Typ LD-PE		g/cm^3	0.935
Surface			*Coil Coating*
Lacquering			Fluorocarbon based(PE)
Thickness of coating		µm	two coating : ≥26, three coating : ≥32
Gloss (initial value)	ECCA T2	%	30-80
Pencil Hardness	ECCA T4		H
Acoustical Properties			
Sound Absorption Factor $ά_s$	ISO 354		0.05
Sound Transmission Loss R_W	ISO 717-1	DB	26
Loss Factor d	EN ISO 6721		0.0087
Thermal Properties			
Thermal Resistance R	DIN 52612	m^2K/W	0.0103
Heat Transition Coefficient U	DIN 4108	W/m^2K	5.54
Temperature Range		^oC	-50 to +80

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