




SCHEDA TECNICA PRODOTTO / PRODUCT DATA SHEET

Prodotto / <i>product</i> :	ECOBOND	Ns. Rif. / <i>Our Ref.:</i> F3682
marchio registrato: <i>Registered mark:</i>		aggiornamento / <i>updating:</i> 07/2013

Panel Thickness	Standard	Unit	2mm	3mm
Thickness of Aluminium	DIN 1784	mm	0.21	0.21
Aluminium thickness deviation	DIN 1784	mm	±0.02	±0.02
Weight		Kg/m ²	2.91	4.09
Technical Properties				
Section modulus W	DIN 53293	cm ³ /m	1.31	1.53
Rigidity(poission's ratio $\mu = 0.3$) E.J	DIN 53293	kNcm ² / m	0.96	0.15
Modulus of Elasticity	EN 1999 1-1	N/mm ²	70000	
Tensile Strength of Aluminium	EN 485-2	N/mm ²	R _m 145-185	
0.2% Proof Stress	EN 485-2	N/mm ²	R _{p0.2} 110-175	
Elongation	EN 485-2	%	A ₅₀ ≥ 3	
Linear Thermal Expansion	EN 1999 1-1	mm/m °C	2.4 at 100°C Temp difference	
Gloss (initial value)	ECCA T2	%	30 - 60	
Pencil Hardness	ECCA T4		2H	
Thermal Properties				
Thermal Resistance R	DIN 52612	m ² K/W	0.0047	0.0080
Heat Transition Coefficient U	DIN 4108	W/m ² K	5.70	5.60
Temperature Range		°C	-50...+80	

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Sede legale

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