

Thickness	6	10	mm
Aluminium Skin Sheet, Front Side	0,5	0,5	mm
Aluminium Skin Sheet, Reverse Side	0,5	0,5	mm
Weight	3,4	3,6	kg/m ²
Technical Properties			
Moment of Resistance W	2,5	4,5	cm ³ /m
Rigidity E·I (with Poisson's Ratio)	5.800	17.300	kNcm ² /m
Alloy of Skin Sheet (acc. EN 485-2)	EN AW-5005A (AlMg1)		
Young's Modulus E	70.000		N/mm ²
Tensile Strength of Skin Sheet R _m (acc. EN 485-2)	≥ 125		N/mm ²
0.2% Proof Stress R _{p0,2} (acc. EN 485-2)	≥ 80		N/mm ²
Elongation A ₅₀ (acc. EN 485-2)	≥ 5		%
Linear Thermal Expansion α (at 100°C temperature difference)	2,4		mm/m
Core			
Cell Size	³ / ₈ (9,5)		inch (mm)
Bare Compressive Strength	approx. 2,6		N/mm ²
Surface			
	mill finish		
Temperature Resistance			
	-40 up to +80		°C
Thermal Properties			
Conductivity λ (rel. total thickness)	0,9	1,3	W/mK
Resistance R	0,006	0,008	m ² K/W
Acoustical Properties			
Sound Absorption Factor α _s	0,05		
Airborne Sound Insulation Index R _w (acc. ISO 717-1, ISO 140-3)	approx. 20		dB