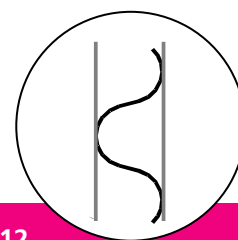
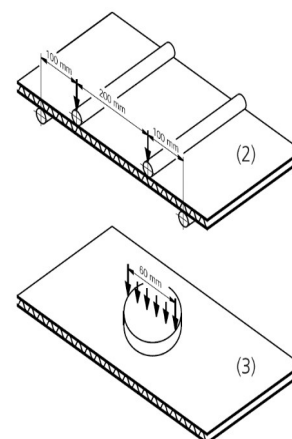


Data sheet

Special product
(non-standard)



Panel type		Alu hl 03-03L-03 hl / H12
Top cover sheet		
Thickness of sheet	0.3 mm	
Surface	primered	
Alloy / Condition	EN AW-5182 H48	
Proof stress $R_{p0,2}$ / Tensile stress R_m [N/mm ²]	≥ 270 / ≥ 330	
Back cover sheet		
Thickness of sheet	0.3 mm	
Surface	primered	
Alloy / Condition	EN AW-5182 H48	
Proof stress $R_{p0,2}$ / Tensile stress R_m [N/mm ²]	≥ 270 / ≥ 330	
Dimensions		
Overall thickness	12 ± 0.2 mm	
Standard width	1,500 -0/+6 mm ⁽⁴⁾	
Standard length	3,000 -0/+6 mm	
other dimensions on request		
Mechanical and physical properties ⁽⁷⁾		
Weight [kg/m ²]	3.3	
Rigidity [Nmm ² /mm] ⁽²⁾ EI/b longitudinal / transverse	2.4 E+6 / 0.9 E+6	
Bending moment [Nmm/mm] ⁽²⁾ Limit of elasticity M_{el} longitudinal / transverse Max. bending moment M_{max} longitudinal / transverse	≥ 800 / ≥ 150 ≥ 1400 / ≥ 170	
Compressive strength [N/mm ²] ⁽³⁾	≥ 1.7	
Temperature stability ⁽⁶⁾	-40 bis 100 °C	
Approvals / Certificates	on request	



Alu hl 03-03L-03 hl / H12

- (1) High Durable Polyester (HDP) coilcoated.
Other colours and paint-systems on request
- (2) Bending test following DIN 53293
Since the panel core is a corrugated sheet,
two different load cases have to be considered:
longitudinal: bending axe perpendicular to the corrugation
transverse: bending axe parallel to the corrugation
- (3) Pressure test following DIN 53291
- (4) Border margin max. 5 mm
- (5) Cut by hammer shears
- (6) Others on request
- (7) Further characteristics can be supplied on demand