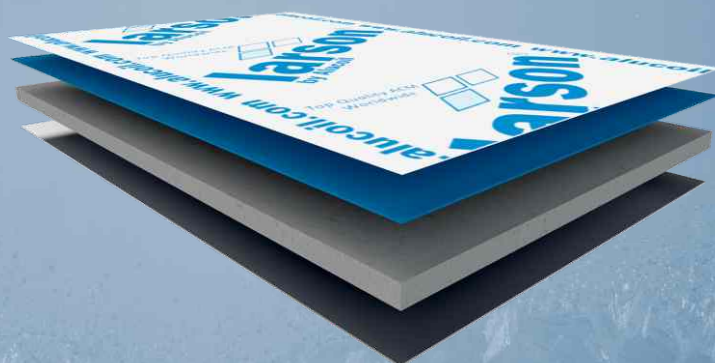


larson® A2
by Alucoil®

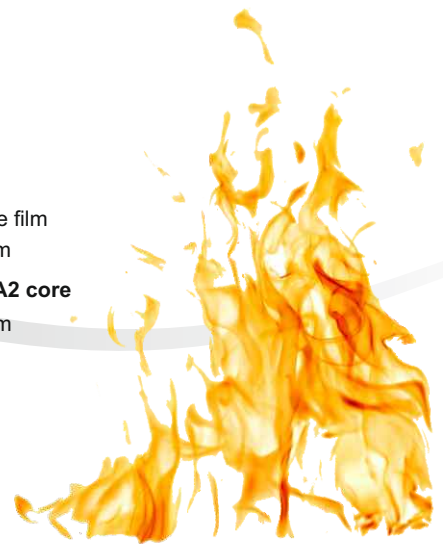
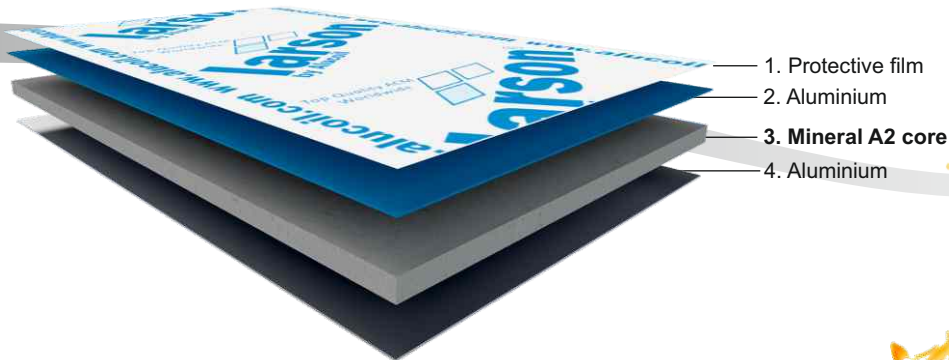
**Aluminium Composite Panels for
Architectural Wall Cladding**

A2-s1, d0
Fire Class
EN 13501-1



Alucoil®
Grupo Alibérico

larson® A2



**Fire Class Architectural larson® A2
A2-s1, d0 according EN 13501-1**

Aluminium composite panels for architectural wall cladding

larson® A2 is the new aluminium composite panel developed by the Alucoil's R&D department for the architectural façade execution. This panel has been developed to be used in those countries whose regulations prevent from the use of other kind of composite panel which does not have A2-s1, d0 classification available.

Alucoil® has achieved A2-s1, d0 classification according EN 13501-1.

larson® A2 has the widest high quality range of finishes, with PVdF 70% Kynar 500 2 layers liquid paint with PRIMER COASTAL 31µ or 3 layers 37µ.

Aluminium composite panel features	larson® A2
Panel thickness	4 [mm]
Panel weight	8,25 [kg/m ²]
Aluminium thickness	0,5 [mm]
Moment of inertia "I"	3070 ⁽¹⁾ [mm ⁴ /m]
Rigidity "EI"	2150 ⁽¹⁾ [kNcm ² /m]
Standard width	1250 - 1500 [mm]
Min / max length	2000 - 8000 [mm]
Core	Mineral A2
Reaction to fire test	A2-s1,d0 [EN 13501-1]
Modulus of elasticity ⁽¹⁾ "E"	70000 ⁽¹⁾ [N/mm ²]
Ultimate tensile strength ⁽¹⁾ "R _m "	125 ⁽¹⁾ [N/mm ²]
Elasticity limit ⁽¹⁾ "R _{p0,2} "	80 ⁽¹⁾ [N/mm ²]
Elongation ⁽¹⁾ "%"	4 ⁽¹⁾ [%]
Aluminium alloy	5005
Aluminium thermal expansion	2,3 mm/m Δ100°C
Coated surface	a) PVdF 70% kynar 500 2 layers with COASTAL PRIMER 31µ b) PVdF 70% kynar 500 3 layers 37µ

⁽¹⁾ Aluminium features - Extended technical data sheet under request -

⁽¹⁾ Estimated values while laboratory results arrive



LCH-1 System



RIVETED System



LC-4/LC-6 System



LC-9 System (Glued)

larson® A2

Aluminium Composite Panels
for Architectural Wall Cladding

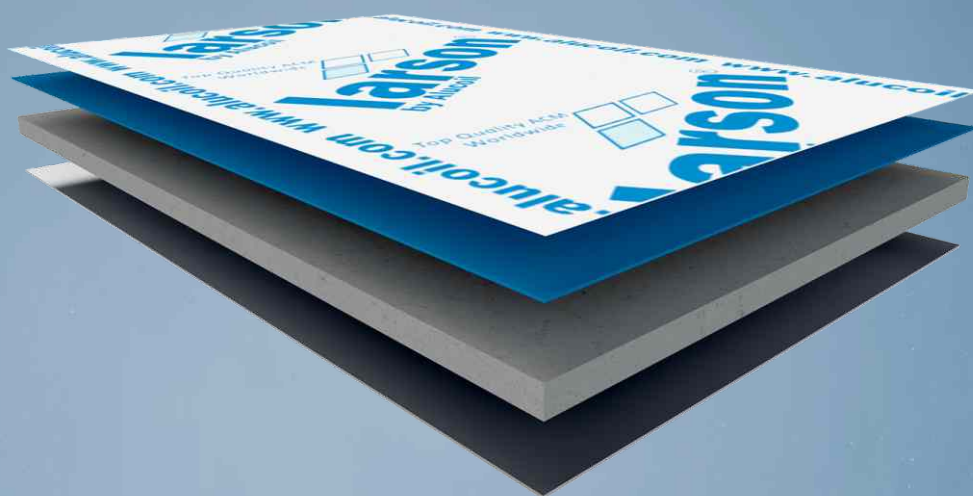
Installation systems

Alucoil® has five installation systems both larson A2 panels and cassettes for its panels. LCH-1, LC-2 and LC-4/LC-6 to install its cassettes and riveted system and LC-9 (Glued) to install the panels.



larson® A2

by Alucoil®



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