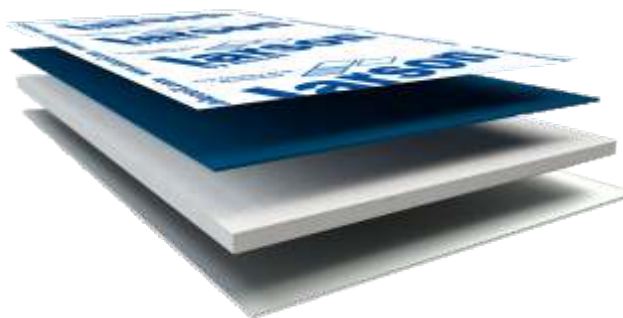


larson® A2



1. Protective film
2. **Aluminium**
3. Mineral A2 Core
4. **Aluminium**

Fire class architectural **A2-s1, d0** according EN 13501-1

larson® A2 is the new aluminium composite panel developed by **Alucoil**’s R&D department for architectural cladding. This panel has been developed to be used in those countries whose regulations prevent the use of other types of composite panels which don't achieve the **A2-s1, d0** fire class.

Panel features

Panel thickness
Panel weight
Aluminium thickness
Moment of inertia (I)
Rigidity (EI)
Standard width
Min. / max. length
Core
Reaction to fire test

larson® A2

4 (mm)
8,25 (kg/m ²)
0,5 (mm)
3070 (mm ⁴ /m)
2150 (kNcm ² /m)
1250 - 1500 (mm)
2000 - 8000 (mm)
MINERAL A2
A2-s1, d0⁽²⁾ EN 13501-1 BS 8414-2 ⁽³⁾ Full scale test

Aluminium features

Modulus of elasticity (E)
Ultimate tensile strength (R_m)
Elasticity limit (R_{p0,2})
Elongation (A)
Aluminium alloy
Aluminium thermal expansion
Coated surface

70000 (N/mm ²)
125<R _m <185 (N/mm ²)
>80 (N/mm ²)
>3 (%)
5005 ⁽¹⁾ EN 573-3
2,3 mm/m Δ100°C
a) PVdF 70% kynar 500 2 layers COASTAL PRIMER 31μ b) PVdF 70% kynar 500 3 layers 37μ

⁽¹⁾Alunatural finishes - alloy 3000. ⁽²⁾**Alucoil**®’s vertical riveted & 45mm cassette installation systems. ⁽³⁾Cassette installation system.
Some of the information that appears in the catalogue could be estimated or extrapolated. Please request with **Alucoil**®’s technical department to confirm exact values to be used in specific calculations or projects.