



WHY SHOULD YOU CHOOSE **larson**® ?

- #1 QUANTIFIED QUALITY
- #2 WORLDWIDE CERTIFICATES
- #3 UNIQUE PRODUCT RANGE
- #4 SUPPORT - SERVICE - ASSISTANCE
- #5 WORLDWIDE REFERENCES



**Top Quality ACM
Worldwide**



¿WHO ARE WE?

Alucoil[®] is a Spanish multinational company which belongs to **Alibérico**[®] **Group**.

¿WHERE ARE WE?

Headquarters are located in Miranda de Ebro (Burgos). It also has its own factories in Morocco, USA and Australia

¿WHAT DO WE DO?

We are specialists in the transformation and manufacture of advanced materials for architecture

Specialists in the manufacture of
Advanced Materials
For **Architecture**



FACT #1 QUANTIFIED QUALITY

	Top quality larsen fr®	EUROPE (GER)	Medium quality EUROPE (FRA)	JAPAN	Low quality Turkey - Middle East - China
Alloy	5005 AlMg	5005 AlMg	3000 Series	3000 Series	1100
Coated	PVdF 70% 31μ Coastal Primer	PVdF 70% 25μ	Duragloss HQ poliester 25μ	Lumiflon Fluorocarbon	PVdF 30% - 40% 8 - 20μ
Protective film	100μ	80μ	70μ	70μ	40μ
Internal face	Primer	None	Primer	Primer	Primer
Salt spray test (CNS) 4000 hours (*)	No delamination	Delamination >2500h	Delamination >2500h	Delamination >2500h	Delamination >1000h
Initial adherence (peeling test) N/25mm	600-700 larsen pe® >800	300-350	350-400	300-350	~250
Loss of adhesion after 4000 hours in CNS (peeling test) (*)	0 - 10%	50% - 100%	50 - 80%	50 - 80%	100%
Core calorific value (MJ/Kg) UNE EN ISO 1716	12,91 ^(**)	13 - 14 ^(****)	14 - 17 ^(****)	13 - 14 ^(****)	>30 ^(****)

(*) Salt-spray test according to UNE EN ISO 9227, tested in the laboratory of **Alucoil®**

(**) Tested in an external laboratory

(****) Core calorific value test according to UNE EN ISO 1716, tested in the laboratory of **Alucoil®**

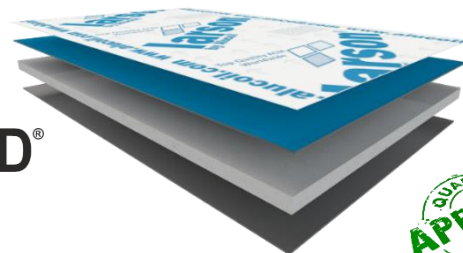
FACT #2

WORLDWIDE CERTIFICATES



FIRST COMPOSITE PANEL IN THE WORLD
TO OBTAIN EPD CERTIFICATE

Top Quality - ACM



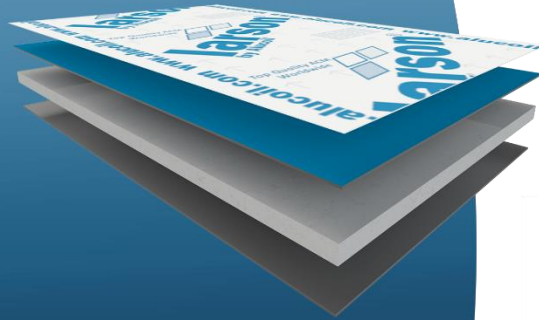
<p>EUROPE</p> <p>► ISO 9001 / ISO 14001 ► ETA European Technical Approval (Instituto Eduardo Torroja)</p>	<p>GERMANY</p> <p>► DIBt Z-33.2-1172 ► FIRE TEST DIN 4102 Part 1 FIRE CLASS B1</p>	<p>UNITED KINGDOM</p> <p>► BBA 08-4551 Certification ► CF 5223-TS19 Class 0/ Class1 (BS) ► CF 5224-TS19 Class 0/ Class1 (BS)</p>	<p>AUSTRALIA / NEW ZEALAND</p> <p>► Badge-CM40093-STAMP-AUS ► Badge-CM40100-STAMP-NZ</p>	<p>U.S.A & CANADA</p> <p>► Intertek ► Architectural Testing ► SRI</p>
<p>INTERNATIONAL</p> <p>► EPD Environmental Product Declaration</p>	<p>FRANCE</p> <p>► Avistechnique Cassetes (CSTB-France) ► Avistechnique Rivete (CSTB-France) ► Fire Test NFP 92-501 M1</p>	<p>ITALY</p> <p>► larson pe* 258422/RF 5356 ► larson fr* 258423/RF 5357</p>	<p>SWITZERLAND</p> <p>► VKF CERTIFICATE ► FIRE TEST NORM SOP No 2418&242 CLASS 4.2 larson pe ► FIRE TEST NORM SOP No 2418&242 CLASS 5.2 larson fr</p>	<p>POLAND</p> <p>► ITB Aprobata larson ► FIRE TEST NP-0905/06/ZM ► FIRE CLASS NRO</p>
<p>FRANCE</p> <p>► Avistechnique Cassetes (CSTB-France) ► Avistechnique Rivete (CSTB-France) ► Fire Test NFP 92-501 M1</p>	<p>SPAIN</p> <p>► DIT / ETA (Instituto Eduardo Torroja) ► FIRE TEST larson pe* UNE 23727:1990 M1 ► FIRE TEST larson fr* EN13501-1:2002 Bs1d0</p>	<p>PORTUGAL</p> <p>► LNEK</p>	<p>AUSTRIA</p> <p>► IBS Certificate ► FIRE TEST ÖNORM B 3800 B1</p>	<p>CZECH REPUBLIC</p> <p>► TZUS Technical Approval ► Fire Test CSN 730802 CSN 730804 CSN 730810 (ISO 5658-4)</p>

FACT #3

UNIQUE PRODUCT RANGE

Composite panel formed by two sheets:

1. ALUMINIUM
2. STAINLESS STEEL
3. COPPER
4. BRASS
5. ZINC



Composite panel formed by core of:

1. FR MINERAL
2. PE POLYETHYLENE^(*)

^(*)(product for exclusive use in low buildings, canopies, signalization and corporate identity)

- ✓ Fire resistance!
- ✓ Flatness and lightness!
- ✓ 6 installation systems:
each of them suitable to any project design!
- ✓ Extremely resistant to weathering and chemical resistance!
 - ✓ Guarantee up to 30 years!
- ✓ Outstanding mechanical properties!
 - ✓ Noise and thermal insulating!
 - ✓ Environmentally friendly!

... more & many more!



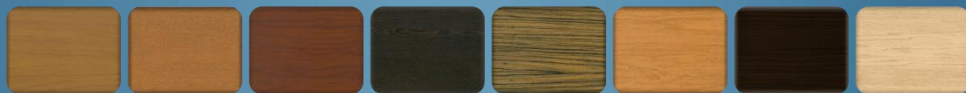
FACT #3

UNIQUE PRODUCT RANGE

Standard Colours



Wood Colours



Metals Finishes



Illusions Colours



FACT #4 SUPPORT - SERVICE - ASSISTANCE



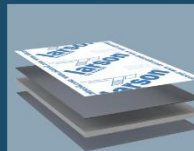
Products and Installation systems in **BIM TECHNOLOGY**



APD department
**ARCHITECTURAL
PRESCRIPTION**



Technical department
WE CALCULATE WHAT YOU NEED



Choose the colour of the **CORE**

Manufacturing
LENGTH UP TO 10m
SPECIAL WIDES 1575-1650mm
SPECIAL THICKNESS 3-6mm



Alucoil[®]
Grupo Alibérico

FastClean
**DIRT
REPELLENT**



Special machining
**PARABOLIC CURVED
EDGING - PERFORATED**



TURNUED PANELS

EMBOSSSED FINISHES

STAMPING

FACT #5 WORLDWIDE REFERENCES

Hotel La Isla y el Mar. (Lanzarote, Canarias)
larson* MIRROR



Hotel D'agglomeration (Bayonne, France)
larson* Illusions Holo



Cité des Civilisations du Vin (Bordeaux, France)
larson* Illusions Holo
Architect: X-TU



Matmut Atlantique Stadium (Bordeaux, France)
larson* White



IDOM Headquarters (Bilbao, Spain)
larson* Anthracite Grey



A4EA Boulogne Billancourt (Paris, France)
larson* Purple Blue



SPM Shoes & Boots (Nieuwkuijk, Holland)
larson* Grey perforated



Hotel DesArts (Marocco)
larson* White
Architect: Aziz LAZRAK



FACT #5 WORLDWIDE REFERENCES

Krifa (Aarhus, Denmark)
larson* Pure White



Hotel Marriot (Portsmouth, UK)
larson* Pearl beige RAL 1035 and Anthracite Grey RAL 7016
Architect: Satellite Architects



Barco headquarters (Kortrijk, Belgium)
larson* Traffic White RAL 9016



ESTACA (Saint-Quentin-en-Yvelines, France)
larson* Smoke Metallic



Middelfart Radhus (Middelfart, Denmark)
larson* Champagne Metallic
Architect: Henning Larsen Architects



Puesto de Comando de Trenes (Rabat, Morocco)
larson* Grey Metallic, Orange and White perforated



Wollongong Private Hospital (Australia)
larson* White



Crédit Agricole offices (Nantes, France)
larson* Anodic Brushed Matt
Architect: AiA associés



We don't talk...we show FACTS!



Alucoil[®]

Grupo Alibérico

**Specialists in the manufacture of Advanced Materials for
Architecture, Industry & Transport Applications**

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