



We are confident that our high manufacturing standards result in panels that are second to none. Alupanel XT panels are guaranteed according to the selected finish – please contact us for further details.

Multipanel operate in compliance with all applicable environmental legislation and hold all relevant certification for our products.

We are dedicated to the reduction of toxic emissions and strive to work to best environmental practices in everything we do. Alupanel® can be fully recycled.

- Architectural Applications
- Rainscreen wall cladding
- External Facades
- Interior Cladding
- Roofing
- Tunnel Lining
- Canopies

Made in England...

...on our purpose-built high speed production line using the most advanced technology in the industry, Alupanel® is the only aluminium composite panel made in the UK.

Covering an area of more than 10,000 square metres, our multi-million pound facility has annual capacity to produce in excess of five million square metres of Aluminium Composite Panels using the very best raw materials from European suppliers.

UK production not only enhances the already high standards of Alupanel® but it also reduces delivery times and enables us to respond more quickly to customer demands.

Endless Possibilities

Offering an unrivalled combination of quality and value, Alupanel XT® panels are available in an impressive range of colours and finishes. In addition to our standard range, we have the exibility to match almost any colour reference, helping us to provide unlimited design options to create unique, innovative and eye-catching facades.

Also available, fire resistant panels made to the same exacting standards but with different core materials to satisfy the requirements of improved fire classification.

ALUPANELXTFR
architectural acm with a fire resistant core

With a part mineral-filled core for class B1 fire classification.

ALUPANELXTA2
architectural acm with a non-combustible core

A2 rated, Alupanel XTA2 has a non-combustible core.



Coil Coatings

Our aluminium coils are coated in a continuous, highly automated process according to ECCA and NEN-EN standards.

The cleaning, pre-treatment and paint application for our coils combine to provide unquestionable qualities in durability and sustainability.



9010 Pure White	9006 Silver	9007 Dark Grey Metallic
7016 Anthracite Grey	7022 Dark Grey	9030 Champagne
1036 Gold	9040 Bronze	1013 Cream
3020 Red	3011 Burgundy	2004 Orange
9005 Black	5002 Ultra Blue	

Property		PE Core	FR Core	A2
Panel thickness		4mm		
Aluminium thickness		0.5mm		
Alloy		3000 - 5000 series alloys available		
Face finish		Coil coated Fluoropolymer (PVDF or FEVE) + HDPE		
Paint thickness - reverse face (ECCA T1-EN 13523-1)		Primer thickness 5 ±2 µ		
Core		PE (B2)	FR (B1)	A2
Weight	kg/m²	5.5	7.44	8.21
Bond integrity	N/mm	12.15	13.05	12.9
Tensile strength	kg/mm²	5.3	6.0	7.1
Rigidity	kN m²/m	0.354	0.371	0.390
Bending strength	Mpa	106	127	138
Bending elastic modulus	Mpa	9992	1007	1117
Yield strength	kg/mm²	3.7	2.6	3.8
Elongation at rupture	(l0 = 5.65 AO ¹² -%)	19.3	14.1	12.0
Thermal expansion coefficient	mm/m°C	2.4mm/m at 100°C temperature difference	0.101	0.140
Sound attenuation (Rw)	dB	24	27	35
Temperature resistance		-50°C to +80°C		
Surface pencil hardness		≥HB		
Resistance to cracking on rapid deformation		No cracking		
Resistance to cracking on bending (EN 13523-7)		1.5 ≤ T		
Resistance to Salt spray (EN 13523-8)		1,000h No difference		
Resistance to immersion in water (EN 13523-9)		1,000h No difference		
Humidity resistance (ASTM-D 2247-68)		1,000h No difference		
Acid resistance (EN 1396)		Class 3		
Accelerated bad weather resistance (EN 13523-10)		Gloss ≤10%		
Chalking (13523-14)		≤10%		

Flammability		
EN 13501-1:2007	XT	Class D
	XTFR	Class B
	XTA2	Class A2

Sheet sizes and tolerances			
Width	Tol	Length	Tol
1000	± 2mm	3200	± 2mm
1220		2440/3050	
1250		3200/4000	
1500		3200/4000	
2000		3200/4000	



Contact your local sales manager or distributor for more information
Call +44 (0)1392 823015



Easy to install



Uniform, flat surface



Lightweight, yet rigid



Versatile and easily formable



Highly resistant to weather



Highly resistant to damaging atmospheric conditions



Large range of colours and finishes



We match RAL, NCS, BS and Pantone references



Available with low minimum order quantities



UK Head Office

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Eythorne, Dover, Kent, CT15 4NL

Tel +44 (0)1304 831319

USA Office

Tel: +1 718 841 9940

From France

Tel: 01 70 72 21 90

XT Enquiry Line

Tel: +44 (0)1392 826960



ALUPANELXT
architectural aluminium composite material



ALUPANELXTFR
architectural acm with a fire resistant core



ALUPANELXTA2
architectural acm with a non-combustible core

