



ALUPANELXT
architectural aluminium composite material

TESTS & CERTIFICATIONS



Why use Alupanel XT?

- Extremely durable
- Resistant to extreme weather
- Wide range of colours
- Specialist surface finishes
- Lightweight and rigid
- Readily fabricated and curved
- Complementary profile system



Easy to install



Uniform, flat surface



Lightweight yet rigid



Versatile and easily formable



Highly resistant to weather



Highly resistant damaging atmospheric conditions



Available in a large range of colours and finishes



We can match any RAL, NCS, BS or Pantone reference



Available with low minimum order quantities



Contact your local sales manager or distributor for more information

Call +44 (0)1392 823015



MULTIPANELUK

a multitude of applications

Alupanel XT is an architectural Aluminium Composite Panel made with a polyethylene or fire resistant mineral core around which two sheets of aluminium are bonded using a sophisticated laminating process.



ALUPANEL XT

perfect for cladding

Aluminium Composite Material
ideal for architectural cladding

Easily formable and available in an extensive range of colours and finishes, Alupanel XT provides unlimited design options to create facades that are unique, innovative and eye-catching.

Manufactured at our new purpose-built production facility in Kent, the Alupanel range is the only Aluminium Composite Material made in the UK, enabling us to provide an unrivalled product in terms of quality and service.

Behaviour in relation to fire

Product	Tested by	Standard	Result
Alupanel XT	BBA	BS476-6 & BS476-7	Class 0
	NGC	ASTM E84-15a	Class A
	Exova	DIN 4102-1	Class B2
	Intertek	EN13501-1:2007+A1:2009	Class D-s1,d0
Alupanel XT (Riveted)	CSTB	EN 13501-1	D-s2,d0
Alupanel XT FR	Exova	EN 13501-1	Class B-s1,d0
	CSTB	EN 13501-1+A1:2013	Class B-s1,d0
Alupanel FR 4mm	Exova	EN 45545-2 : 2013	R1
Alupanel XTA2	Effectis	EN 13501-1+A1:2013	Class A2-s1,d0

Physical Tests

Test	Tested by	Standard	Measurement	Result
Taber Abrasion	BBA (PRA)	BS EN ISO 7784-2	Mean cumulative weight loss after 500 cycles	35.20mg
Scratch Resistance	BBA (PRA)	BS EN ISO 1518-1	Load to penetration	2.20kg
Fixing pull through	BBA	BS EN 1383 : 1999	Mean maximum load	1341.40 N
			Mean pull-through parameter	9.00 (N·mm ⁻²)
Cross cut tests	BBA	BS EN ISO 2409 : 2013	Classification	0
Colour measurement	BBA	"MOAT No.34:1986 & ASTM G53-95"	Washed Unwashed	a* -1.17 b* 0.08 a* -1.25 b* 0.19
Degree of cracking	BBA	BS EN ISO 4628-4 : 2003	Degree of cracking	0(S0) No cracking visible
Degree of blistering	BBA	BS EN ISO 4628-2 : 2003	Degree of blistering	0(S0) No blistering visible
Resistance to impact	BBA	BS EN ISO 6272-1 : 2011	Mean depth of dent	5.4mm No crack on any test



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