

ALUCOBOND® - Standard Composite Panel

Fire Classification

Country	Test according to	Results / Classification
Germany	DIN 4102-1 DIN 4102 Part 7	Class B2 passed
Austria	ÖNORM A 3800	Class B1, TR1, Q1
Switzerland	VKF	Class 4.2
France	NF P 92-501 NF F 16-101	Class M1 Class F0
Italy	CSE RF 2/75/A, RF 3/77	Class 1
Scandinavia	NT Fire 002	hardly inflammable
Czech Republic	CSN 73 0862	Class B
Russia	GOST 30244-94 GOST 30402-95 GOST 12.1.044-89 GOST 12.1.044-89	G4 W1 D2 T2
British Standard United Kingdom Malaysia Singapore	BS 476, Part 6 BS 476, Part 7 meets therefore Class 0 (National Building Regulations) Approved for external wall cladding up to 18 m height Approved for walkways	Index $I \leq 12$ $i \leq 6$ Class 1
Japan	JIS A 1231 JIS A 1321 JIS K 6911	QNC Class 2 incombustible (F)
Republic of Korea	KSF 2257	Passed 30 min heating time (in combination with Rock Wool and Gypsum board)
Australia	AS 1530 , Part 3	Ignitability Index 0 Heat evolved Index 0 Spread of flame Index 0 Smoke developed Index 0
USA	UBC 17-5 ASTM E-162 ASTM E-108, modified ASTM E-84 - Flame spread - Fuel contribution - Smoke density	passed Flame spread passed Index 0 Index 0 Index 0

ALUCOBOND® plus Composite Panel

Fire Classification

Country	Test according to ...	Results / Classification
EU	EN 13501-1	Class B, s1, d0
Germany	DIN EN 13501-1 DIN 4102 Part 7	Class B, s1, d0 passed
Austria	ÖNORM EN 13501-1	Class B, s1, d0
Switzerland	VKF	Class 5.3
Russia	GOST 30244-94 GOST 30402-95 GOST 12.1.044-89 GOST 12.1.044-89	G1 W1 D2 T1
British Standard United Kingdom Malaysia Singapore	BS 476, Part 6 BS 476, Part 7 meets therefore Class 0 (National Building Regulations) Approved for external wall cladding for any type of building without restriction in height. Approved for external wall cladding for any type of building without restriction in height (test according to NFPA 285)	Index $I \leq 12$ $i \leq 6$ Class 1
China	GB8624	Class B s1, d0
USA	ASTM D2015 ASTM D1929 ASTM D635 ASTM E84 - spread of flame index - smoke development index - spread of flame index - smoke development index NFPA 285 (Intermediate Scale Multi-story Test) Combustion Toxicity Test , NY	< 4708 BTU/lb. Self Ignition Temp. > 650°F passed tested with exposed core: ≤ 15 ≤ 45 tested as composite ≤ 5 ≤ 5 \Rightarrow UBC Class I passed passed
Canada	CAN/ULC-S 134-92 (Multi-story Test)	passed

ALUCOBOND® A2 Composite Panel

Fire Classification

Country	Test according to ...	Results / Classification
EU	EN 13501-1	Class A2, s1, d0
Germany	DIN EN 13501-1	Class A2, non-combustible
Austria	ÖNORM A 3800 ÖNORM EN 13501-1	Class A Class A2, non-combustible
Switzerland	VKF Fire regulations	Class 6q.3, non-combustible
France	NF P 92 - 501	Class M0, non-combustible
Italy	CSE RF 1/75/A, RF 3/77	Class 1
Scandinavia	DS 1065.1 (NT Fire 004)	Class A, non-combustible
Czech Republic	CSN 73 0862	Class A
Russia	GOST 30244-94 GOST 30402-95 GOST 12.1.044-89 GOST 12.1.044-89 GOST 31251-2003	G1 / 0 sec W1 D1 T1 K0
British Standard	BS 476, Part 6 BS 476, Part 7	Index $l \leq 12$ $i \leq 6$ Class 1
United Kingdom	meets therefore Class 0 (National Building Regulations) BS 6853 BS EN 13501-1	Meets the requirements of the London Underground Ltd. Code of Practice for Fire Safety Limited combustibile Non-combustible (Scotland)
Malaysia	Approved for external wall cladding for any type of building without restriction in height.	
Singapore	Approved for external wall cladding for any type of building without restriction in height.	
Japan	JIS A 1231 JIS A 1321	QNC Class 2
USA	UBC 17-5 ASTM E-84 ASTM D-2015	passed UBC Class I 509 BTU/lb