

ALPOLIC®/fr LT

ALPOLIC®/fr LT is exclusively designed for interior applications, such as partitions, interior walls, false ceilings etc. It is a fire-rated and safe material, meeting the requirements of UBC 26-3 & ISO 9705 (Interior Room Corner Test) which is an acceptable fire rating in most countries. The main ingredient of the core material prevents the proliferation of flame and restricts the development of smoke which is detrimental to evacuation activities.



The Gallery Bangkok / Thailand

Features

- Easy installation: It can be easily installed on a rigid substrate using a soft set adhesive and or double sided tape.
- Simple processing: It is easily fabricated and formed. Cutting and drilling can be done on site
- Fire performance: In Japan it has been certified as a non-combustible material (Certificate No. NM-3415)

Composition of ALPOLIC®/fr LT

Total thickness : 3mm

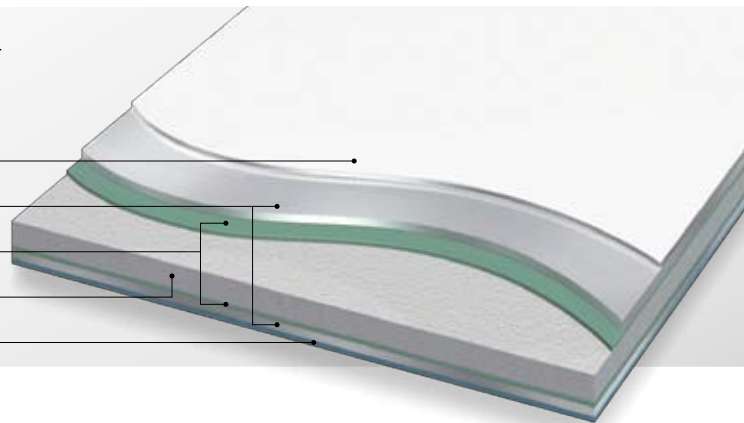
Polyester coating

Aluminium 0.3 mm

Rust Preventing Paint

Non-combustible mineral filled core

Service coating



DIMENSION (STANDARD)

Thickness (tolerance ±0.2mm)	Standard Width (tolerance; ±2.0mm)	(Bow tolerance)
3mm	1220mm (Hairline 914mm)	±0.5% of the length and/or width
Skin thickness	Length (tolerance; ±4.0mm)	(Squareness tolerance)
0.3mm	2440mm (Hairline 2438mm)	Max 5.0mm

CHARACTERISTICS (FOR STANDARD DIMENSION)

	Method	Unit	ALPOLIC®/fr LT	
Physical properties	Thickness	—	3 mmt	
	Specific gravity	—	1.83	
	Weight	—	kg/m ²	
	Thermal expansion	ASTM D696	× 10 ⁻⁶ /°C	24
	Thermal conductivity	Calculated value	W/m-K	0.3
	Deflection temperature	ISO 75-2	°C	110