

ALPOLIC® /fr-RF

ALPOLIC®/fr-RF is a mirror-like reflective finish aluminum composite material (ACM) with a non-combustible mineral-filled core, used as a ceiling or interior wall applications.



Features

Shatter-proof and safety: Unlike glass, aluminum composite material (ACM) will not shatter or break.
 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-RF

Total thickness : 3mm

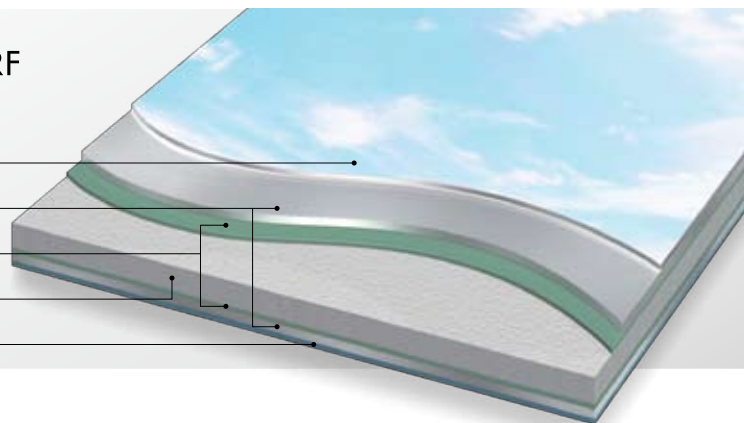
Mirror-look anodized finish

Aluminium 0.5 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	±0.5% of the length and/or width
Skin thickness	Length (tolerance; ±4.0mm)	(Squareness tolerance)
0.5mm	2440mm	Max 5.0mm

CHARACTERISTICS (FOR STANDARD DIMENSION)

	Method	Unit	ALPOLIC®/fr-RF
Physical properties	Thickness	—	3mmt
	Specific gravity	—	2.00
	Weight	—	kg/m ²
	Thermal expansion	ASTM D696	× 10 ⁻⁶ /°C
	Reflectance	JIS D5705	
	Thermal conductivity	Calculated value	W/m-K