

# NEW



# ALUPANEL<sup>®</sup>FR

aluminium composite panel

## A NEW B1-rated fire resistant Aluminium Composite Panel with a revolutionary core material

AlupanelFR is a high quality panel with a specially formulated halogen-free core material designed to offer enhanced fire resistance whilst retaining excellent fabrication characteristics and outstanding adhesion strength.

### Innovative core material

The specially formulated core material used in AlupanelFR provides many advantages over alternative products whilst retaining the many features that are essential to the demands of today's fabricators.

### Versatile & easily formable

AlupanelFR can be rolled, folded and formed extremely easily. Test results show excellent flexibility with a combination of exceptional strength, allowing numerous fabrication options with no risk to the physical integrity of the panel.

### Machines easily with minimal tool wear

AlupanelFR machines much more quickly and with significantly less wear to the cutting tools, saving fabricators both time and money.

### Lightweight yet rigid

Thanks to the specially formulated core, AlupanelFR is considerably lighter than other fire resistant panels, making it much easier to transport and handle but with no compromise to the rigidity of the panel.



# ALUPANELFR

aluminium composite panel

Our product development team have worked tirelessly to develop a panel that offers our customers a product that is suitable for an immense variety of applications, including environments where improved fire classification is required, but without sacrificing build quality.

Lighter than many fire-resistant Aluminium Composite Panels, AlupanelFR not only fabricates extremely well but machining is much faster than comparable products and with minimal wear on machine tools – unusual for a fire resistant panel.

0.3mm  
high grade  
aluminium skin

Specially  
formulated  
FR core

Co-extruded  
adhesive for a  
superior bond



Paint finish  
Available in a wide  
range of colours  
and finishes

Easy-peel protective  
film designed to  
protect the panel

Applications:

Corporate ID  
Interior wall and ceiling  
decoration  
Modular/Offsite construction  
Sports arenas  
Airports, railway stations  
Vehicles, trains & boats  
Shopping centres  
Hospitals  
Sign-making  
Splashbacks  
Machine casings

 **MADE IN  
BRITAIN**

## Property

Panel Thickness (mm)	3
Skin Thickness (mm)	0.3
Weight (kg/m <sup>2</sup> )	4.3
Skin	Gloss / Matt
Core composition	Fire Retardant
Bond integrity (N/mm)	7.001
Bending modulus (N/mm <sup>2</sup> )	17374.885
Train at break (%)	4.215
Fire classification (EN13501-1)	B - s1 , d0

## Standard sheet sizes

Width	Length
1220	2440 / 3050
1500	3050 / 4050