EXPALUM UK Ltd

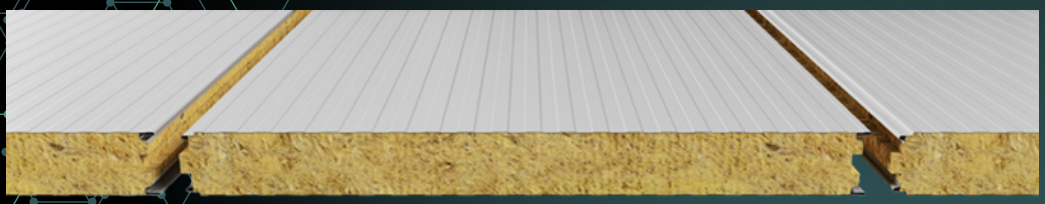
Innovation made to measure. Solutions to shape the future

NAV SYSTEM

PROTECTIVE CELL

Fire FM

Fire resistant wall panel. Up to EI 120.



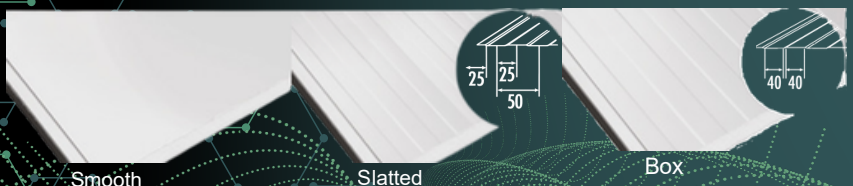
FM APPROVED

FIRE FM is the self supporting metal panel insulated with mineral wool created to improve all the technical characteristics that a wall panel can offer in the realisation of curtain walls and ceilings, with an eye to safety. In fact, the FIRE FM panel is designed for all external and internal wall and curtain wall constructions that require high performance in terms of reaction and fire resistance. Indeed, the special double interlocking joint with the labyriinth made of sheet metal, combined with the mineral wool insulation, gives the product a perfect tightness for high reaction and fire resistance performance.



WITH MINERAL WOOL INSULATION (MW) Rock wool guarantees excellent results in thermal and acoustic insulation, as well as achieving fire reaction classification A2-s1, d0 in accordance with EN 13501-1. The insulation material is made of mineral fibre slats staggered longitudinally and with the fibres oriented at 90° to the plane of the substrates. Density of 100Kg/m3 ± 10% and thermal conductivity coefficient of up to 0.041 W/mk.

INTERNAL FINISHES



Useful width
1000mm

Maximum length
13500mm

Available panel thicknesses:
50-60-80-100-120-150-172-200 mm

External facade
Steel 0,55 mm

Internal facade
Steel 0,55 mm

Fire FM (continued)

EXTERNAL FINISHES



Smooth

Slatted

Box



Diamond cut
15 mm pitch