EXPALUM UK Ltd

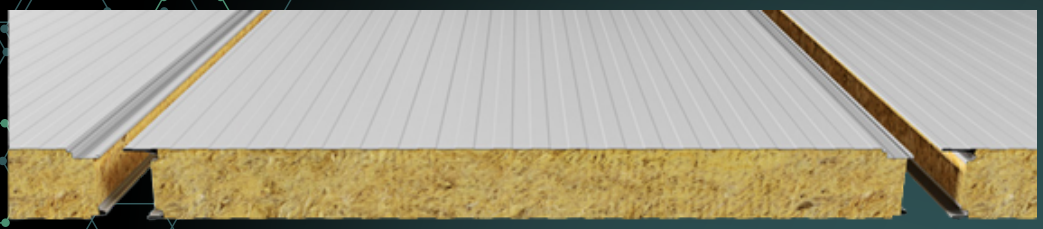
Innovation made to measure. Solutions to shape the future

NAV SYSTEM

PROTECTIVE CELL

Fire Class FM

Panel with concealed fixing, fire resistant. Up to EI 180



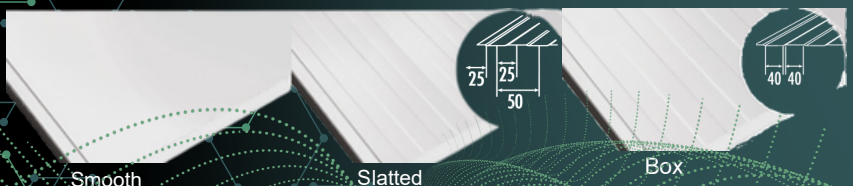
FM APPROVED

FIRE CLASS FM is the self-supporting insulated panel with an architectural finish, designed to offer excellent fire and noise protection without sacrificing the aesthetic result of the project, thanks to the fact that the panels can be installed vertically or horizontally. The panel joint adopts an interlocking system that conceals the fixing, maintaining all the tightness performances of NAV system panels. On an aesthetic level, the FIRE CLASS FM panel allows the designer to choose between different surface finishes; the external support can have a slatted finish, a 15mm pitch diamond point finish, or a smooth and flat finish. The wide choice of finishes makes it possible to obtain shading effects on the façade.surfaces, which enliven the flatness of the surface and enhance its architectural value.



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 Class FM (continued)

EXTERNAL FINISHES



Smooth | Slatted | Box



Diamond cut
15 mm pitch