

Technical Data

Composite wall panels: Etalbond (entry 2)

Size and weight

Thickness: 4mm standard, 3 or 6mm available on request. Width: 1,000, 1,250, 1,500mm as standard, 2,000 mm on request. Length: 3,200mm as standard, up to 8,000mm on request.

Weight: 4mm thickness, 5.6kg/m²; 3mm, 4.5kg/m²; 6mm, 7.3kg/m².

Performance

Rigidity: 4mm thickness, 0.24 kNm²/m; 3mm, 0.125 kNm²/m; 6 mm, 0.590 kNm²/m.

When tested for bond integrity according to ASTM D1876 T-peel test, simulating resistance to panel delamination, there is no adhesive failure of the bond between the core and the skin, or cohesive failure of the core itself, below 75 N/cm, as manufactured.

Etalbond's excellent rigidity eliminates dimpling, buckling and oil canning.

Effect of fire

Etalbond meets the requirements of BS 476:Part 6 and Part 7 for both coated and rear face, achieving a Class 0 rating.

Sitework

Etalbond can be formed by numerous methods. It can be cut, drilled, routed, shaped by rolling, folded to take almost any shape, and can be fitted to nearly any framing and glazing system.

For fixing, rivets, screws, bolts and special structural adhesives can be used. Etalbond can be installed by approved companies using a number of understructure systems as hook-on panels, in cassette format, and as riveted boards.

Cleaning and maintenance

For the material to remain decorative and attractive, over time it requires routine maintenance when facades are exposed to industrial environments, foggy areas, areas of low rainfall, polluted urban environments, or in coastal regions.

It is sufficient to wash the Etalbond facades with lukewarm water, no alkalis. Consult manufacturer for details.

Contact

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