

Tile Range

PRODUCT DATA SHEET

Multipanel® Tile wall panels consist of compact grade laminate, made from a core layer impregnated with phenolic resin and double sided surfaces layers impregnated with melamine resin. Manufacture is carried out to BS EN 438.

Size/Weight

2440 x 1220 x 3mm / Approx 14kg

Thickness Tolerance	+/- 0,3mm
Length/Width Tolerance	+10mm/- 0mm
Warping Tolerance	+/- 12mm warping per metre
Tile Tolerance	+/- 15mm per panel length

The panels can be cut to size if required.

Colours

7 colours are available to order from stock, in 4 tile sizes and finishes.

Tile Size/Finish

Embossed Tile:

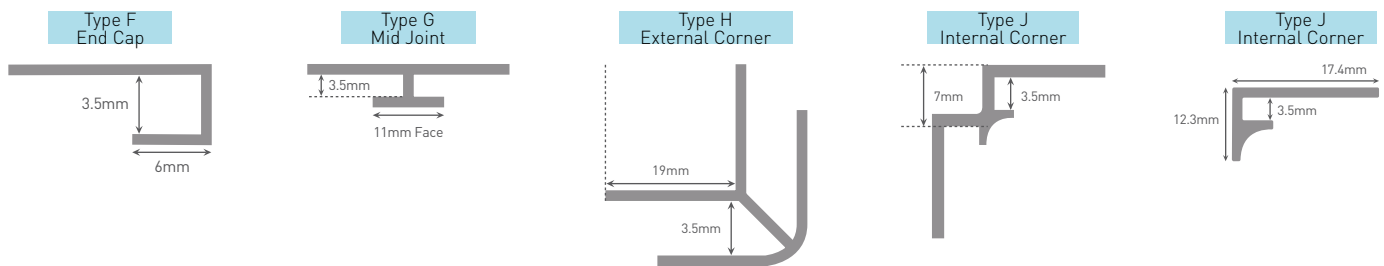
- Mosaic (*gloss*) 23.5 x 23.5mm with 3mm grout line
- Large (*matt*) 47 x 47mm with 4mm grout line

Bevelled Tile:

- XL (*gloss*) 300 x 200mm with 4mm grout line
- Brick (*gloss*) 75 x 200mm with 3mm grout line, available in 2 panel orientations.

Accessories

Multipanel® Tile aluminium edge profiles 2.45m long are available in five profiles, and in four finishes:



Metal sections are available in Satin Anodised Silver, White, Black and Polished Aluminium finishes.

Cleaning

The panels should be cleaned using warm water and a non-abrasive mild detergent (*not bleach*). Scouring products or powders should not be used.

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Precautions

When cutting or trimming the boards sharp edges may be encountered which should be smoothed off using sandpaper or a plane. Aluminium cutting should be carried out using appropriate metal cutting tools such as a hack saw and de-burred. Appropriate eye protection should always be worn. When disposed of, the panels are suitable for landfill with no leaching or environmental pollution considerations associated with the product.

Fire Rating

As standard Multipanel® Tile has a class 2 surface spread of flame fire rating.

Thermal Properties

- **Dry Heat** For short periods, Multipanel® Tile will withstand surface temperatures of up to 180°C (*356°F*) to Grade 4, without deterioration of surface or colour (*although in some cases a slight loss of sheen may occur*). Avoid continuous localised heat. If used in situations of localised heat, such as adjacent to ovens, the maximum temperature to which the panel should be subjected to for long periods (*up to 8 hours*) is 100°C. In applications, such as use in fire surrounds, panels are subjected to direct heat more or less continuously. In such cases we would not recommend the use of Multipanel® Tile.
- **Resistance to cigarette burns** Multipanel® Tile has a resistance rating of 4 (*Min 3*) to damage by lit cigarettes, and will normally only suffer a loss of sheen and/or slight to moderate brown staining. Excessive localised heating can result in blistering of laminate surface.
- **Resistance to boiling water** When immersed in boiling water for 2 hours, a maximum mass increase and thickness increase of 4% will occur.
- **Resistance to Cold** Multipanel® Tile is unaffected by extreme dry cold and cold storage conditions.
- **Chemical Resistance** Multipanel® Tile has been widely and satisfactorily used for many years in medical and industrial sites. Multipanel™ Tile easily meets the requirements of EN 438 test method 15, which specifies resistance to staining by 49 substances in every day use.
- **Wear Resistance** 350 revolutions.