

# MULTIPANEL™

## WALLS

### 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:

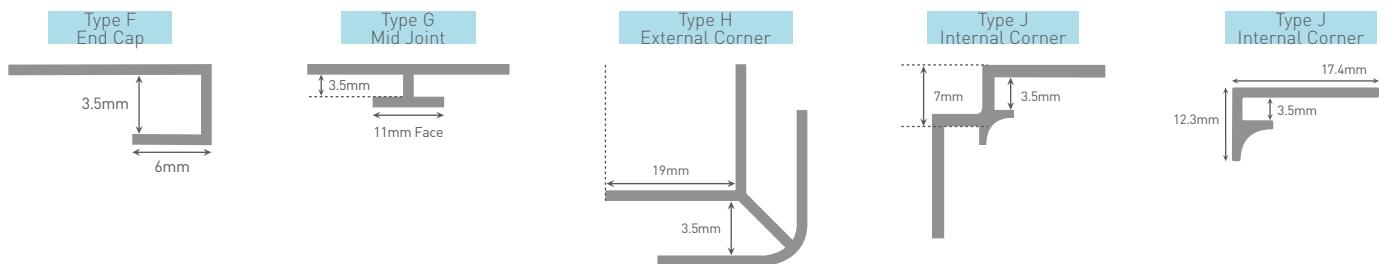
- Mosaic (*gloss*) 23.5 x 23.5mm with 3mm grout line
- Large (*matt*) 47 x 47mm with 4mm grout line

#### 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.