

PRODUCT DATA SHEET

Economy 3mm

Multipanel® Economy 3mm wall panels consist of compact grade laminate, made from a core layer impregnated with phenolic resin and double sided surface layers impregnated with melamine resin. Manufacture is carried out to BS EN 438.

Size/Weight

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

2 colours are available to order from stock, in 2 tile sizes and finishes

Tile Size/Finish

Embossed Tile:

- Mosaic (gloss) 23.5 x 23.5mm with 3mm grout line

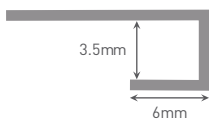
Bevelled Tile:

- White brick (gloss) 75 x 200mm with embossed 3mm grout line, available in horizontal and vertical panel orientations

Accessories

Multipanel® Economy 3mm aluminium edge profiles 2.45m long are available in ten profiles and four finishes:

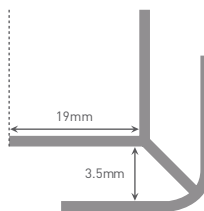
F. End Cap



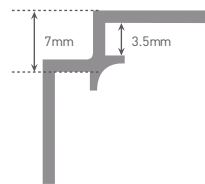
G. Mid Joint



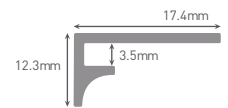
H. External Corner



J. Internal Corner



J. Internal Corner



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.

Precautions

When cutting or trimming the boards sharp edges may be encountered which should be smoothed off using sandpaper or 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

Multipanel Economy 3mm has an equivalent to class 2 fire rating. The laminate used in Multipanel is not fire rated.

Thermal Properties

- **Dry Heat** For short periods, MultipanelEconomy 3mm will withstand surface temperatures of up to 180°C (356°F) to Grade 5 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.
- **Resistance to Cigarette Burns** Multipanel 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** Being resistant to steam and boiling water, Multipanel™ is ideal for applications where cleanliness and hygiene are important.
- **Resistance to Cold** Multipanel is unaffected by extreme dry cold and cold storage conditions.
- **Chemical Resistance** Multipanel has been used widely and satisfactorily for many years in medical and industrial sites. Multipanel meets the requirements of EN 438 at level 5, which specifies resistance to staining by 49 substances in every day use.
- **Wear Resistance** 450 revolutions.