



**NU WORLD PLASTICS**  
NATIONWIDE BUILDING SUPPLIERS

## Product Data Sheet

# multiPANEL

the luxury alternative to tiling

multiPANEL wall panels are constructed with a hardwood waterproof plywood core bonded under controlled conditions with a high pressure decorative laminate to face, and a plain balancing laminate to rear. Waterproof gluelines are D4 rated. All work is carried out to BS EN ISO 9001:2008 or client's specifications.

### multiPANEL hydro-lock joints

Our standard details for jointing two panels together, without using aluminium extrusions, is hydro-lock. This produces a watertight, subtle joint that is quick and easy to install.



### Size/Weight

2400 x 1200 x 11mm / Approx 22KG

2400 x 900 x 11mm / Approx 16.5KG

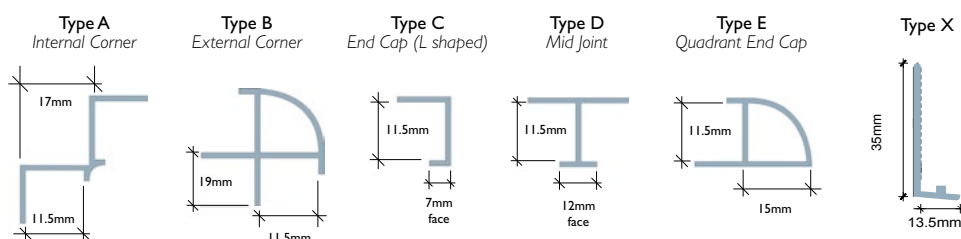
2400 x 598 x 11mm / Approx 11KG

*The panels can be cut to size if required*

**Colours** 32 colours are available to order from stock.

### Accessories

multiPANEL aluminium edge profiles 2.45m long are available in six profiles and four finishes:



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

Type X is only available in Satin Anodised Silver.

**multiPANEL seal** is a 2 part sealing kit for shower trays & baths

**multiPANEL access** is an all in one kit allowing you access to services through a Multipanel wall panel.



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### 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 has an equivalent to class 2 fire rating. The laminate used in multiPANEL is not fire rated, but FR laminate is available as a special order (standard colours may not be available FR). Even when FR laminate is used, because it is bonded to plywood, the end product does not come with a certificate of fire resistance. We can only supply a surface spread of flame for the face laminate.

### Thermal Properties

- **Dry Heat** For short periods, multiPANEL 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.



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