



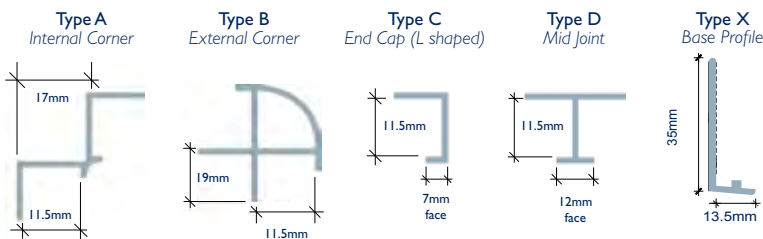
TECHNICAL DATA SHEET

Spapanel 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.

SIZE/WEIGHT 2400 x 1200 x 11mm / Approx 26KG

COLOURS Please refer to brochure.

ACCESSORIES Spapanel aluminium edge profiles 2.45m long are available in five profiles and three finishes:



Metal sections are available in Satin Anodised Silver, White, and Polished Aluminium finishes. Type X is only available in Satin Anodised Silver.

Spapanel HYDRO-LOCK JOINTS

To join two panels together without a Type D mid-joint, Spapanel can be manufactured with our precisely engineered hydro-lock edge detail to create an extremely tight, almost invisible joint



When manufacturing hydro-lock joints, 18.5mm is lost from the original panel width, e.g. 2400x1200mm = 2400x1181.5mm finished face size

Hydro-lock panels are supplied as standard with a tongued edge and a grooved edge

Hydro-lock panels should be conditioned at normal room temperature for 48-72 hours prior to installation, particularly during extremely hot or cold spells.

Prior to Installation

- Ensure all walls are flat and even – if not, a timber batten frame or alternative packing is required
- Hydro-lock panels can either be screw fixed or bonded to the wall with high-grab adhesive
- Peel back part of the protective film to check all panels for colour shading differences, flaws, defects or damage
- Dry joint all hydro-lock panels to ensure a sufficiently flush and tight joint will be achieved between all panels



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FIRE & SMOKE RATING

Spapanel carries a Group 3 classification when tested for heat and smoke release in accordance with AS/NZS 3837:1998

THERMAL PROPERTIES

PROPERTY	UNIT	MEASURE	STANDARD
Dimensional Tolerance	mm	+10/- 0mm	
Cone Calorimeter -BCA Group Number -Average Specific Extinction Area	Rating m2/kg	3 548.9	AS/NZ 3837
Resistance to surface wear	Initial wear not less than 50 cycles. Average wear not less than 150 cycles.		AS/NZS 2924.1 ISO 4586-1: 1995
Resistance to immersion in Boiling Water	No deterioration other than slight loss of gloss. Gain in weight of not more than 4.0%		
Resistance to dry heat at 180°C	No deterioration other than slight loss of gloss &/or colour		
Resistance to Steam			
Dimensional Stability	Dimensional change of not more than 0.3% with grain and 0.65% across grain.		
Resistance to impact by large diameter ball (324g)	No visible damage at a drop height of 100cm other than an indent of ≤ 10mm diameter		
Resistance to Scratching	Min. 1 Newton force		
Resistance to Staining	Reagents groups 1 & 2 = no visible change, Reagent groups 3 & 4 = slight change of colour and/or gloss		
Resistance to Colour Change in Artificial Light	Not more than slight colour change in Xenon arc light (minimum). Blue Wool: 6		
Resistance to Cigarette Burns	No deterioration other than moderate change in gloss and moderate brown staining		
Resistance to Crazeing (Test 25)	No worse than hairline cracks across surface and/or edges, visible under x6 magnification		
Resistance to Moisture at 65°C	No worse than a slight change of gloss/colour, or hair-line edge cracks or slight edge swelling after 2 days		

CHEMICAL RESISTANCE

Spapanel has been used widely and satisfactorily for many years in medical and industrial applications.

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.