

Naturepanel 11mm Laminate faced wall panel collection

PRODUCT DATA SHEET

Naturepanel wall panels are constructed with Medite exterior grade MDF core certified to BS EN 622 part 5 and bonded under controlled conditions with a high-pressure decorative laminate to face, and a plain balancing laminate to rear. All laminate products are certified to EN 438. Waterproof gluelines are D4 rated (BS EN 204). All work is carried out to BS EN ISO 9001:2015 or client's specifications.

The core material has undergone rigorous testing to withstand extreme conditions. The core meets the requirements of class D4 (durability category) of BS 4965, making it suitable for use as a substrate for decorative laminate in areas of frequent, prolonged exposure to running or condensed water. These credentials make it perfect for use in interiors with wet and humid conditions such as bathrooms.

Sustainably sourced

Quality, performance, and environmental responsibility are values we uphold to ensure our products meet the high standards we set, not only for our customers, but for our environment too. That's why our 11mm laminated wall panels have all been Forest Stewardship Council® (FSC®) C128180 and Programme for the Endorsement of Forest Certification (PEFC) chain of custody certified. This ensures the timber products we use originates from responsibly managed forests and our finished products comply with globally recognised ecological, social, and economic standards.

Naturepanel® Hydrolock joints

Our standard details for jointing two panels together, without using aluminium extrusions, is Hydrolock. This produces a watertight, almost seamless joint that is quick and easy to install.

Size/Weight

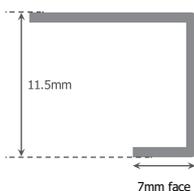
2400 x 598 x 11mm / Approx 13.5KG
The panels can be cut to size if required.



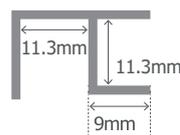
Accessories

Naturepanel® aluminium edge profiles 2.45m long are available in three profiles and two finishes:

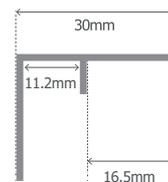
C End Cap



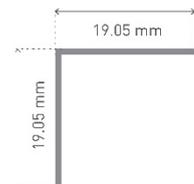
100. Flush Corner



101. Invisible Corner



102. Angle Profile



Metal sections are available in satin and black finishes.

Type 101 supplied in aluminum only (unfinished)

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

Naturepanel has an equivalent to class 2 fire rating. The laminate surface is certified to Euro class D s2-d0 as per EN 438.

Thermal Properties

- **Dry Heat** For short periods, Naturepanel 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 Naturepanel.
- **Resistance to Cigarette Burns** Naturepanel 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, Naturepanel is ideal for applications where cleanliness and hygiene are important.
- **Resistance to Cold** Naturepanel is unaffected by extreme dry cold and cold storage conditions.
- **Chemical Resistance** Naturepanel has been used widely and satisfactorily for many years in medical and industrial sites. Naturepanel meets the requirements of EN 438 at level 5, which specifies resistance to staining by 49 substances in everyday use.
- **Wear Resistance** 450 revolutions.