

Stormboard

Everything Plywood Wants to Be



Cutable



Lightweight



Stiff



Waterproof



Weldable



Formable

Specifications

Storm Board HI

Dimensions	2440 x 1220 x 19mm (*oversize)
Weight	Approximately 30kg
Density	Approximately 589 kg/m ³
Stiffness	0.35 GPa at 23°C
Weather resistance	Weather proof and will not rot, ideal for outdoor use. Impact strength increases the wetter it becomes.
Co-efficient of expansion	△3mm/2.4m/10°C

Storm Board SF

SF requires a coating protection from UV

△1mm/2.4m/10°C

Using P2 Storm Board

Coating

For rendered look and protection from UV we recommend CorkSol coating.

Cutting

You can cut Storm Board with a hand saw, jigsaw, router, bench saw and skill saw. We suggest running saws at slower speeds to avoid melt and with blades recommended for plastic cutting. Storm Board produces only a plastic swarf when cut so needs no special breathing protection.

Drilling

Storm Board drills well with wood drill-bits and can be countersunk.

Routing

Storm Board can be CNC routed, we suggest using tungsten carbide tooling.

Gluing

Wood glues don't work. We suggest Novaseal Signfix Ultrabond adhesive (available from website) or alternatively 2-part polymer glues.

(*oversize) see Quality Control document for explanation of oversize

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Fillers

Wood filler doesn't work. We suggest Epoxy fillers.

Painting

Storm Board comes in black/dark grey skin colour. We can colour the skin in manufacturing at an extra cost for large volume (HI only). As standard it has an anti graffiti finish so paint has difficulting finding purchase. SF is printable and paintable.

Screwing

Screws fix well in Storm Board as its elasticity means it stretches and grips the screw's thread. An expansion gap must be allowed when being used outdoors.

Nailing

As Storm Board expands and contracts we don't recommend nails as the only fixing.

Welding

Storm Board can be plastic welded.

Forming

Storm Board can be heat formed.

Cleaning

You can jet wash but not at high pressure and keep nozzle at least 100mm from the board.

Suitability for Use and Warranty

Nothing herein constitutes a warranty express or implied, including any warranty of merchantability or fitness for use, nor is protection from any law or patent to be inferred. The exclusive remedy for all claims is replacement of materials. Contact the sales office for a copy of the complete Storm Board Terms and Conditions of Sale.

Information provided is for guidance only, the customer is solely responsible for making sure Storm Board is fit for purpose. All information is based on tests carried out on panels made in the UK. Using recycled mixed waste material in manufacturing will always account for variation.

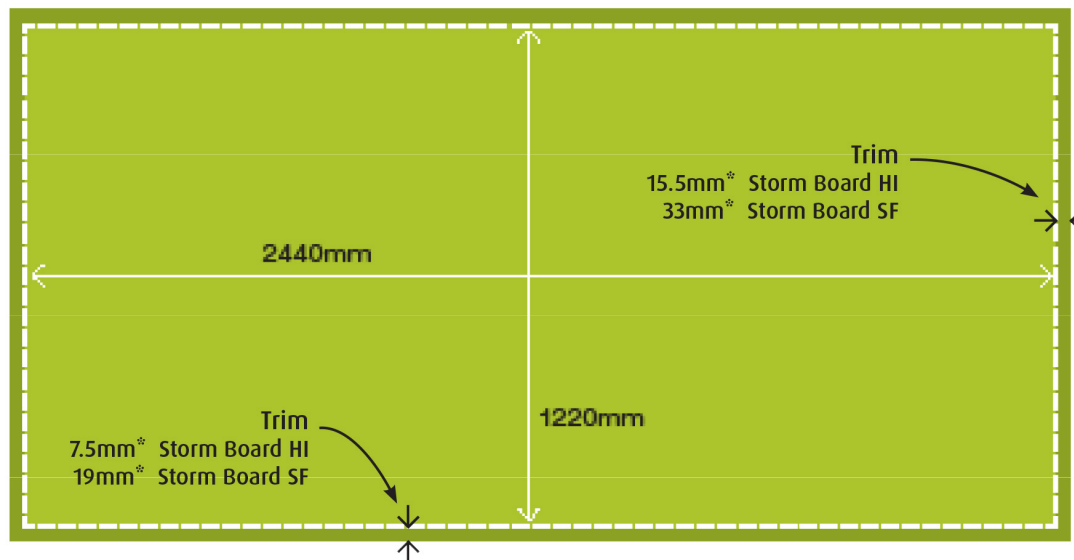
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Standard Format: 2440 x 1220 x 19mm (oversize)

Oversize format means that the panels are produced slightly larger than the format size, so they can be cut down to suit requirements. The various panels use different formulas resulting in slightly different oversizes from the same mould.



Overall benefits:

Strength

The skin on the sides adds to the boards overall strength

Transport

Board provides additional trim for added protection during transport

Customers

Oversize boards with extra trim favoured by customers

Top View

Ambient Stress

Storm Board HI 2471 x 1235mm*

Storm Board SF 2506 x 1258mm*

Oversize Trim at ambient temp

15mm* end, 7.5mm* side

35mm* end, 19mm* side

Average expansion over 2440mm

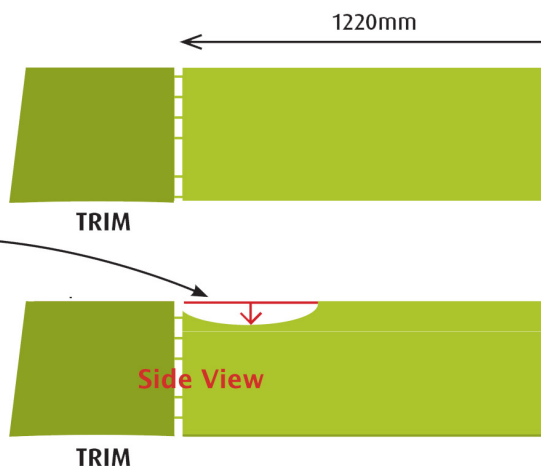
Storm Board HI 3 - 4mm/10°C

Storm Board SF 1.5 - 2mm/10°C

Tolerance + - 2mm

Grading Panels

Rejects may have slightly sunken edges > 2 mm



Board core

The core is a non perfect recycled waste material that isn't compounded or prepared and so voids in the core will occur. VOIDS $\lt; \varnothing 15$

Ambient temperature 20° C

❖ **Sizes:** Recycled material varies so sizes may vary slightly