



What is MightyBead™

MightyBead™ is a rigid extruded profile made of PVC blended with wood fibres. The wood used is derived from enduring forestry of new spruce and beech wood fibres which are sourced from sustainable certified forest stands. MightyBead™ profiles reflect the natural appearance and feel of wood whilst still retaining the beneficial properties of PVC.

Appearance

- Wood-like appearance, without the knots.
- Highly smooth surface finish which can be stained or painted.
- Supplied in either a natural or white finish.

Applications and use

MightyBead™ profiles can be used for interior or exterior applications where weathering and durability is required or as an alternative solution to timber profiles.

Physical Properties & benefits

- Can be cut and trimmed with standard wood-working tools.
- Can be fixed with nails, screws and adhesives.
- Has excellent moisture absorption resistance (when compared with timber).
- Minimal thermal expansion/contraction.
- MightyBead™ does not rot.
- MightyBead™ is flame retardant.
- The product is straight and consistent with no warping.
- No sanding or pre-paint preparation is required.

Paint Tests

MightyBead™ profiles have been tested with leading paint products with excellent results. Please ask for test results if required.



Thermal Properties

Test: Thermal Resistance (R Value).

Method: Heat flow meter method of ISO 8301:1991 & BS EN 12667:2001 using approved testing laboratory.

Results: 0.491 m²K/W. Measured thermal conductivity 0.099W/mk (K value).

Test: Heat Reversion.

Method: Samples are scribed at 200mm and heated to 100°C for 1 hour (MOAT No 17 : 1990 4.35).

Results: Reversion no greater than 3%.

DIMENSIONAL TOLERANCES FOR BEADS & SMALL PROFILES

Please note like timber beads ,the WPC manufacturing process is a mechanical process and subject to tolerance. There can be a minor variations across batches.

Radii +/-0.2mm

Hole Diameters +/- .1mm

Angles +/- .5 Degrees

Lengths with No Decimal Places +/- .5mm

With 1 Decimal Place +/- .2mm

With 2 Decimal Places +/- .1mm

Flat faces can be subject to minor distortion. This is does not effect the products useability.

FSC® Certification

Several of our standard products are FSC® certified (look for the FSC® logo).

We are able to produce all of our standard products or any bespoke products with FSC® certification.

Bespoke Profiles

We are able to produce bespoke profiles to your specifications subject to volume. Please contact us for further details.



“Make It Once...Make It Mighton...”

www.mightonproducts.com

Mighton Products Ltd, Hinxton, Cambridgeshire CB10 1RG 01223 497097 sales@mighton.co.uk