



Modelling Foam

Modelling foam

DCTech has a range of extruded polystyrene (XPS) foam which has been used with great success as a modelling foam for many years. Strong, lightweight and versatile - extruded polystyrene foam has been used for everything from competition grade surfboards to remote control vehicles, outdoor water features to model railway dioramas, architectural models and even triathlon racing bike frames.

Our range of XPS boards are lightweight with a high compressive strength rating. The unique closed cell structure/cell shape of our XPS foam results in no voids between cells, the result of an exclusive extrusion process that assures uniform, predictable, stable physical properties.

Our range of XPS foam is a thermoplastic and retreats from fire. It also contains a flame retardant additive to inhibit accidental ignition from small fire sources eg., over-heated wires or welding sparks. The cell structure of our XPS foam enables it to resist all forms of water and moisture penetration.

Our XPS foam is chemically and physiologically inert, it creates no dust and will not support mould or mildew and is non allergenic and is not a known food source to vermin or insects.

Cutting and Shaping

Due to the homogeneous cell structure and uniform density of our XPS foam, it can be cut



Address

Unit 8, 171-175 Newton Road,
Wetherill Park NSW 2164

Dynamic Composite
Technologies Pty Ltd
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NSW

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accurately and to very close tolerances. It is easy to cut and shape with a range of tools including a hotwire cutter, serrated knife, hacksaw, floral knife or X-Acto knife. To cut a thick piece, or several sheets stacked together, try using an old electric knife. DCT can cut your board to your required thickness and/or length from \$10 per board. Note that DCTech cannot cut your board into shapes.

Adhesives

For a fast, sure bond, use a low-temperature glue gun (using a non-solvent base such as an epoxy resin and/or polyurethane adhesive) which can be purchased from your local hardware store.

Painting

Extruded polystyrene can be painted with an acrylic craft and/or water based paint. Avoid using solvent based paints as these may damage the foam. Some spray paints are safe to use - read the label carefully to determine whether or not it is foam approved.

Australia
T 02 8788 9555
F 02 9604 7468
E sales@dctech.com.au

Hours

Monday - Friday 8.00am to 4.00pm
Closed Saturday, Sunday and Public Holidays

Terms of payment

Cash, Visa* and Mastercard*
** Visa and Mastercard will incur a 2.5% surcharge*

Delivery

Pickup only

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Product Guide	Description		
 DCT XPS White Block	Colour: Surface Finish: Edge treatment: Nominal thickness: Width: Length: Compressive strength:	Pure White Planned Square edge 100mm 1030mm 3060mm 300kPa	
Dow Styrofoam RTM-X	Colour: Surface Finish: Edge treatment: Nominal thickness: Width: Length: Compressive strength:	Blue Grooved on both facers Square edge 25, 35, 50, 75, 100, 120mm 600mm 2500mm 400kPa	
Dow Styrofoam SMTG	Colour: Surface Finish: Edge treatment: Nominal thickness: Width: Length: Compressive strength:	Blue Smooth self-skin Tongue and grooved 25, 30, 40, 50, 75, 100mm 600mm 2500mm 250kPa	
Dow Styrofoam LB	Colour: Surface Finish: Edge treatment: Nominal thickness: Width: Length:	Blue Planned Square edge 75 and 100mm 600mm 2500mm	



	Compressive strength:	300kPa	
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DCTech also sell a range of off-cuts. Standard board sizes 2500mm (L) x 600mm (W) with various thicknesses ranging from 10mm up to 25mm. Minimum order \$30.00. Pick-up only. Cutting is not included.

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