

Easy Composites' range of closed cell PVC core foam includes a range of thicknesses, with and without grooves for resin infusion (where practical).

Our Closed Cell PVC Core Foam is manufactured to exacting standards and suitable for use in a wide range of applications including marine, motorsport, mass transport and renewable energy.

MECHANICAL PROPERTIES

| | Method | Units | EASYCell 75 |
|--|----------|-------------------|-------------|
| Density | ISO845 | Kg/m ³ | 75 |
| Compressive Strength | ISO844 | MPa | 1.33 |
| Compressive Modulus | ISO844 | MPa | 72.5 |
| Tensile Strength | ISO527-2 | MPa | 1.89 |
| Tensile Modulus | ISO527-2 | MPa | 75 |
| Shear Strength | ISO1922 | MPa | 1.09 |
| Shear Modulus | ASTMC393 | MPa | 27.75 |
| Shear Elongation at Break | ISO1922 | MPa | 20.25 |
| Thermal Conductivity at Room Temperature | ISO8301 | W/mK | 0.033 |
| Water Absorption | | % | 1 |
| Colour | | | Green |

AVAILABILITY

| | Thicknesses | Plain | Groove & Drill | Sizes |
|--------------------|-------------|-------|----------------|------------------------------------|
| EASYCELL 75 | 3mm | ✓ | | 550x545mm, 1020x1090mm, 1020x2180* |
| | 5mm | ✓ | | 550x545mm, 1020x1090mm, 1020x2180* |
| | 10mm | ✓ | ✓ | 550x545mm, 1020x1090mm, 1020x2180* |
| | 25mm | ✓ | ✓ | 550x545mm, 1020x1090mm, 1020x2180* |

*Full sheets are only available for *delivery* against an MOQ of 5 sheets. No MOQ for collections.

GROOVE & DRILL

Groove & Drill treatment is designed specifically for resin infusion and provides both the means for resin to pass from one side of the foam to the other (the drill holes) and also the means to distribute the resin into the laminate on the 'tool side' (the grooves).

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

Our technical advice, whether verbal or in writing, is given in good faith but Easy Composites Ltd gives no warranty; express or implied, and all products are sold upon condition that purchasers will make their own tests to determine the quality and suitability of the product for their particular application and circumstances.

Easy Composites Ltd shall be in no way responsible for the proper use and service of the product, nor for the safeguarding of personnel or property, all of which is the duty of the user. Any information or suggestions are without warranty of any kind and purchasers are solely responsible for any loss arising from the use of such information or suggestions. No information or suggestions given by us shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.

Before using any of our products, users should familiarise themselves with the relevant Technical and MSDS provided by Easy Composites Ltd.

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