

EASYCell

Closed Cell PVC Core Foam



Easy Composites' range of closed cell PVC core foam includes a choice of two densities available in 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 40	EASYCell 75
Density	ISO845	Kg/m3	40	75
Compressive Strength	ISO844	MPa	0.46	1.33
Compressive Modulus	ISO844	MPa	36	72.5
Tensile Strength	ISO527-2	MPa	0.71	1.89
Tensile Modulus	ISO527-2	MPa	27	75
Shear Strength	ISO1922	MPa	0.46	1.09
Shear Modulus	ASTMC393	MPa	12	27.75
Shear Elongation at Break	ISO1922	MPa	9	20.25
Thermal Conductivity at Room Temperature	ISO8301	W/mK	0.031	0.033
Water Absorption		%	1	1
Colour			Grey	Green

AVAILABILITY

	Thicknesses	Plain	Groove & Drill	Sizes
EASYCELL 40	5mm	✓		665x712mm, 1020x1090mm, 1020x2180*
	10mm	✓		665x712mm, 1020x1090mm, 1020x2180*
	25mm	✓		665x712mm, 1020x1090mm, 1020x2180*
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).

All closed cell PVC foam sheets available ex-stock from our UK warehouse.

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