

TRICAST 2 POLYURETHANE FOAM

Tricast 2 is a low density rigid polyurethane foam available in sheet form, suitable for a wide variety of building, insulation and G.R.P. manufacturing processes.

Tricast 2 does not contain any C.F.C.s., H.C.F.C.s or H.F.A.s, and therefore has a zero O.D.P. (Ozone Depletion Potential).

Tricast 2 has a calculated G.W.P. (Global Warming Potential) of less than 5, where CO₂ is a reference value of 1.

DIMENSIONS

Thickness: 6 - 800mm **Width:** 600, 1200mm **Length:** 600, 1200, 2400mm.
(Other sizes on request)


TYPICAL PROPERTIES

Nominal density			32kg/m ³ (2 lbs/ft ³)
Initial thermal conductivity			0.030 W/m °K @ 10°C
Closed Cell	BS 4370		> 95%
Compressive Strength	ISO 844	Normal to major plane	170 kPa
Compressive modulus	ISO 844	Normal to major plane	3,900 kPa
Tensile Strength	ISO 1926	Parallel to major plane	230 kPa
Tensile Modulus	ISO1926	Parallel to major plane	3250 kPa
Cross break strength	BS4370	Perpendicular to major plane	245 kPa
Shear Strength	ISO1922	Parallel to major plane	220 kPa
Shear Modulus	ISO1922	Parallel to major plane	1150 kPa
Upper service temperature limit			70°C
Dimensional stability	BS4370	70°C for 7 days	<+0.5%
		50°C / 100%rh for 7days	<+0.5%
		-20°C for 7 days	No change


APPLICATIONS

Building insulation, refrigeration doors & panels, GRP manufacture - tanks, cabinets, sections and shaping, withstanding the application of glass & resin at lamination stage.

Whilst the information above is true and accurate to the best of our knowledge and belief, all liability for errors and omissions, damage or loss resulting here from is hereby excluded. Recommendations for use should be verified as to suitability and compliance with actual requirements, specifications and any applicable laws and regulations.

 44 (0) 1663 740120

 sales@tridentfoams.co.uk

 BKB House, Goyt Valley Industrial Estate, Off Station Road, Furness Vale, High Peak, SK23 7SN

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