

## **POLYURETHANE FOAM**

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.

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). has a calculated G.W.P. (Global Warming Potential) of less than 5, where CO<sub>2</sub> is a reference value of 1.

### **DIMENSIONS**

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

### **TYPICAL PROPERTIES**

<b>Nominal density</b>				32kg/m <sup>3</sup> (2 lbs/ft <sup>3</sup> )
<b>Initial thermal conductivity</b>				0.030 W/m °K @ 10°C
<b>Closed Cell</b>	BS 4370			> 95%
<b>Compressive Strength</b>	ISO 844	Normal to major plane		170 kPa
<b>Compressive modulus</b>	ISO 844	Normal to major plane		3,900 kPa
<b>Tensile Strength</b>	ISO 1926	Parallel to major plane		230 kPa
<b>Tensile Modulus</b>	ISO1926	Parallel to major plane		3250 kPa
<b>Cross break strength</b>	BS4370	Perpendicular to major plane		245 kPa
<b>Shear Strength</b>	ISO1922	Parallel to major plane		220 kPa
<b>Shear Modulus</b>	ISO1922	Parallel to major plane		1150 kPa
<b>Upper service temperature limit</b>				70°C
<b>Dimensional stability</b>	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.