



3D Insulation Ltd
22 Moss Lane Industrial Estate
Royton, Oldham OL2 6HR

t: 01706 299 847 f: 01706 881 977
w: www.3dinsulation.co.uk

3D-PIR HIGH DENSITY FOAM CFC/HCFC FREE RIGID POLYISOCYANURATE FOAM

Material Property	Test Method	Unit	Value 80kg/m ³	Value 120kg/m ³
Nominal Density	EN 1602	kg/m ³	80	120
Thermal Conductivity Initial at 10 deg C	EN 12667	W/m.K	0.025	0.029
Closed Cell Content	ISO 4590	%	Over 90	Over 90
Service Temperature		Deg C	-120 to +120	-120 to +120
Water Absorption	EN 12087	%	Under 2	Under 2
Fire Result Euro SBI	EN 13501-1		Class E	Class E
Compressive Strength	EN 826	kPa	550	1100
E Modulus		kPa	15000	38000
Tensile Strength	EN 1607	kPa	700	900
E Modulus		kPa	15000	23000
Bending Strength	EN 12089	kPa	1000	1600
E Modulus		kPa	15000	36000

