

HIGH DENSITY HCFC FREE RIGID PHENOLIC INSULATION

	STANDARD	UNITS	60	80	120	160
DENSITY		Kg/M3	60 +/- 3	80 +/- 4	120 +/- 6	160 +/- 8
K VALUE	BS4370	WmK at 10°C	0.024 +/- 0.002	0.030 +/- 0.002	0.032 +/- 0.002	0.038 +/- 0.002
TEMPERATURE LIMIT		°C	-180°C to + 120°C	-180°C to + 120°C	-180°C to + 120°C	-180°C to + 120°C
COMPRESSIVE STRENGTH	BS4370	kPa				
- parallel to rise			400 +/- 50	650 +/- 50	1150 +/- 50	2000 +/- 100
- perpendicular to rise			300 +/- 50	500 +/- 50	800 +/- 50	1500 +/- 100
TENSILE STRENGTH	BS4370	kPa				
- parallel to rise			380 +/- 50	600 +/- 50	900 +/- 50	1100 +/- 100
- perpendicular to rise			300 +/- 50	450 +/- 50	700 +/- 50	900 +/- 100
CLOSED CELL CONTENT	BS4370	%	>95	>95	>95	>95

Fire test classifications

- BS476 parts 6 and 7 - results conform to Class 0 of the UK building regulations
- Epiradiateur - M1
- ASTM E84 25/50 flame and smoke - up to 3 inches thick
- NEN 6065/6066 Klasse 1/2
- DIN 4102 - B1
- ULC CANADA - S102 + S127 up to 3 inches thick

Other information

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OTHER DENSITIES ARE AVAILABLE ON REQUEST. PLEASE CONTACT OUR TECHNICAL DEPARTMENT