

ROXUL[®]

FIRESAFE INSULATION

PRODUCT DATA SHEET

Roxul[®] Rockpipe[®] C11

A Strong Cut Pipe Section For Industrial And Building Application

Benefits

Resistant to temperatures up to 650°C / Excellent thermal and acoustic properties / Dimensionally stable / Non-corrosive and highly water-repellent / Cost effective / Non-combustible



Firesafe



Water Repellent



Thermal Comfort



Noise Absorbing



Mechanical Strength



Environmentally Friendly

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GENERAL CHARACTERISTIC OF ROXUL[®] ROCKWOOL[®] PRODUCTS: NON-COMBUSTIBLE. WATER REPELLENT. VERMIN & ROT PROOF. ASBESTOS, CFC AND HCFC FREE PRODUCT & PROCESS. CHEMICALLY INERT. EASY TO HANDLE & CUT. MAINTENANCE FREE.

Roxul® Rockpipe® C11

A strong cut pipe section for industrial and building application

COMMON APPLICATION

Roxul® Rockpipe® is especially manufactured to meet the specification requirements of industrial and building application. Our state-of-the-art manufacturing process gives the flexibility to produce the blocks with random fibre orientation that provide excellent thermal conductivity and compression-resistance properties. The advanced CAD/CAM technology, exclusive to the manufacture of our Roxul® Rockpipe® C11, ensures the following remarkable characteristics:

1. Exact dimensioning which is meeting or exceeding, in most cases, all required standards and specifications.
2. Accurate nesting, resulting in exact fitting every time.
3. Smooth outer surface for a jacketed finish that ensures professional appearance.

DIMENSIONS

Length (mm)	1000
Pipe OD & Insulation Thickness (mm)	Suits BS1387, BS2871, ASTM C585
Nominal Density (kg/m ³)	100 – 125

FOR OTHER SIZES, PLEASE CONTACT OUR CUSTOMER SERVICE REPRESENTATIVE.

PACKAGING & STORAGE

Smaller diameter pipes are packed in cartons 1020 x 410 x 410. Bigger diameter pipes are shrink-wrapped in branded polythylene sheets. Products should be stored indoors or under a waterproof covering.



TECHNICAL PARAMETERS

Maximum Service Temperature		650°C							
Thermal Conductivity	Mean Temperature (°C)	50	100	150	200	250	300	350	ASTM C335 / BS874
	Thermal Conductivity (W/mK)	0.038	0.048	0.055	0.062	0.070	0.083	0.095	
Fire Performance		Non-combustible							BS476 Part 4
Chemical		Chemically inert. Aqueous extract of the sections is neutral or slightly alkaline. It meets the requirements for use over stainless steel in accordance with ASTM C 795							ASTM C 795
Chloride Content		≤ 6mg/kg							ASTM C 871
Moisture Absorption		Absorb less than 0.02 Vol %							ASTM C1154 / C1104M
Water Absorption		Less than 1%							BS2972 : 75
Suitability for Use		Roxul® Rockpipe® C11 complies with the requirements of BS 3958: Part 4 'Bonded preformed mineral wool pipe sections' and can be used to satisfy BS 5422 'Thermal insulating materials on pipes, ductwork and equipment'. It also conforms to ASTM C 547 Type III, 'Standard Specification for Mineral Fibre Pipe Insulation'. Roxul® Rockpipe® C11 has excellent properties for thermal insulation, fire protection and sound attenuation of pipework in industrial applications, such as chemical plants, petrochemical plants and power stations							BS 3958 Part 4 BS 5422 ASTM C 547 Type III

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BELIEVED TO BE CORRECT AT THE DATE OF PUBLICATION. ROXUL ASIA SDN BHD DOES NOT ACCEPT RESPONSIBILITY FOR THE CONSEQUENCES OF USING ROXUL ROCKPIPE C11 IN APPLICATIONS DIFFERENT FROM THOSE DESCRIBED ABOVE.

ROCKWOOL
FIRESAFE INSULATION



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