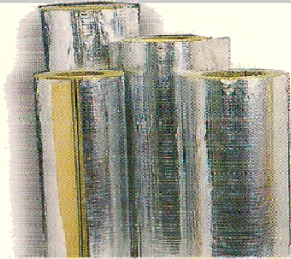


Fujairah Rockwool Preformed Pipe Section With Aluminium Foil Facing C2XX

Thickness : 50 mm

Density : 100 kg/m³



Fujairah Rockwool Preformed Pipe Section faced with reinforced aluminium foil conforming to ASTM C-547 and equivalent BS 3958-4 is intended for the thermo-acoustic insulation and fire protection of pipe works operating at high temperatures. The pipe insulation is manufactured from long non-combustible rock fibers with a high performance binder.

It is easy to cut, fit, handle and has high levels of thermal efficiency and strength.

Each section is split and hinged for easy, snap-on applications.

Designed for tough thermal and acoustic insulation pipe works it's combination of density, strength, and excellent thermal conductivity at high operating temperatures offer efficient insulation. It is highly applicable for industrial steam and process pipe lines in oil refineries, chemical plants and power stations. It also has the versatility to be used in heating and ventilating or other non-industrial applications.

Standard Delivery

Thicknesses are available from 25mm to 100mm and 1/4" up to 24" pipe diameters.

Service Temperature

Plain Rockwool Insulation has a service temperature of 780°C when tested in accordance with DIN 52271 for 80mm thickness and 100 kg/m³ density. However there is possible deviation for lower densities and with facings.

The user is advised that it is possible that the maximum use temperature of facings and adhesives is lower than the maximum use temperature of the insulation. The user shall ensure that sufficient thickness shall be installed so none of these accessory items (facings and adhesives) are exposed to temperatures above their maximum use temperature.

Thermal Conductivity

Fujairah Rockwool Preformed Pipe Section shows remarkably low thermal conductivity values. Typical figures are shown in accordance with ASTM C-335.

We have test report at different mean temperatures for 140 kg/m³ nominal density.

Mean Temp °C	k-Value W/mK 100 kg/m ³
50	0.037
100	0.044
150	0.052
200	0.061
250	0.072
300	0.084

The table shows the test results for their raw density in accordance with the test report.

These results are not binding because they were converted.

Fire Safety

Rockwool Insulation alone is non-combustible when tested in accordance with BS-476: Part 4 1970 and ASTM E-136. Class A, when tested in accordance ASTM E – 84.

Compatibility

Compatible with all other forms of material with which it is likely to come in contact in normal industrial and building applications.

Moisture

Water repellent, non-hygroscopic, non-capillary, it does not absorb any moisture from the air.

Moisture has no effect on the stability of these products.

Acoustical Properties

Suitable for Acoustical insulation as per BS-3638 and ISO-0354.

Biological Properties

Rot-proof, non-hygroscopic, will not sustain vermin and will not encourage growth of bacteria, mold or fungi.

Chemical Neutrality

Chemically neutral with a pH value of 7-8 when tested in accordance with BS-2972 : Section

22. It will neither cause nor promote corrosion. It meets the requirements of

ASTM C-795 the standard specification for thermal insulation for use in contact with

austenitic stainless steel as per ASTM C-692 (Corrosion test) and ASTM C-871

(Chemical analysis). It contains low level of chlorides when tested in accordance with

BS 2972 : Section 21, ASTM C-871 and AGI Q 135.

Physical Properties

Asbestos free and shot content is very low when tested as per ASTM C-1335 and BS 2972: Section 14.

Packaging

Supplied in cardboard cartons and shrink wrapped polyethylene.

Unit Price

For details on price our sales office can be contacted.

Technical Advice

For further details of information on technical data, specialist product information, applications, heat loss calculations or economic thickness, our sales office can be approached.