

Fujairah Rockwool Blanket With Aluminium Foil Facing on One Side

B2XX

Thickness : 50 mm

Density : 50 kg/m³

Fujairah Rockwool Blanket conforming to ASTM C-553, and ASTM C-665 is a lightly bonded insulating material faced with reinforced aluminium foil on one side.

Applications

Designed for thermal and acoustic insulation of various applications such as ducts and cladding or other equipment in heating, ventilating and air conditioning applications. Also recommended for use in the thermal insulation of large vessels, boilers, small machinery, equipment, flange, valves and plants operating at high temperatures. The Blanket is exceptionally suited for wrapping large curved surfaces or for cutting to fit over irregular shapes.

Standard Delivery

In standard width of 1200 mm and 1200 mm length.
Other lengths and width sizes are available upon request.

Thermal Conductivity

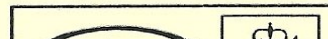
Fujairah Rockwool products show remarkably low thermal conductivity values with typical figures in accordance with BS 874, equivalent ASTM C 177/C 518. We have test reports at 35°C mean temperature for 40kg/m³ and 70kg/m³ densities.

Mean Temp °C	k-Value W/mK 50 kg/m ³
50	0.039
100	0.047
150	0.057
200	0.069
250	0.083

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.

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.



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.

Acoustical Properties

Suitable for acoustical insulation as per BS-3638 and ISO 0354

Compatibility

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

Biological Properties

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

Moisture

Water repellent, non-hygroscopic, non-capillary it does not absorb any moisture from the air. Moisture has no effect on the stability of the blanket. Water absorption test certificate conducted under BS 2972 : Section 12 are available upon request.

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 when measures according to standard methods 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 and 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 polyethylene bags.

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.