AIS Stonewool™ Blanket

Product Description

AIS Stonewool™ Blanket is a versatile non-combustible stonewool blanket insulation designed to be used for a wide range of thermal applications.

It is available in a range of densities, both unfoiled or foil faced on one side, to provide engineers, designers, builders, and installers with comprehensive thermal solutions.

Application

AIS Stonewool™ Blankets are suitable for thermal applications, including industrial and HVAC equipment, and for use in residential, commercial, and industrial buildings. The material complies with the requirements set by international standards like ASTM C553.

Technical Specification

When specifying, state the following:

The insulation material shall be AIS Stonewool™ 60/80/100 Blanket _____(thickness) x _____(width) _____(length) mm.

Product Properties

AIS STONEWOOL™ 60 BL		
Properties	**Performance**	**Standard**
Reaction to fire	Non-combustible	AS 1530.1
Maximum Service Temperature	450°C	ASTM C411/C447
Nominal Density	60Kg/m³	EN 1602
Thermal Conductivity (23°C mean)	0.036 W/mK	ASTM C335
Water Absorption (partial immersion)	<1kg/m²	EN 1609
Water Vapour Absorption	<1% weight	ASTM C1104/C1104M

AIS STONEWOOL™ 80 BL		
Properties	**Performance**	**Standard**
Reaction to fire	Non-combustible	AS 1530.1
Maximum Service Temperature	650°C	ASTM C411/C447
Nominal Density	80Kg/m³	EN 1602
Thermal Conductivity (23°C mean)	0.032 W/mK	ASTM C335
Water Absorption (partial immersion)	<1kg/m²	EN 1609
Water Vapour Absorption	<1% weight	ASTM C1104/C1104M

AIS STONEWOOL™ 100 BL		
Properties	**Performance**	**Standard**
Reaction to fire	Non-combustible	AS 1530.1
Maximum Service Temperature	650°C	ASTM C411/C447
Nominal Density	100Kg/m³	EN 1602
Thermal Conductivity (23°C mean)	0.032 W/mK	ASTM C335
Water Absorption (partial immersion)	<1kg/m²	EN 1609
Water Vapour Absorption	<1% weight	ASTM C1104/C1104M