

## ICEROCK SHEET /SLAB LAGGING ROLL

### **Short Description**

Icerock Ductwrap consists of high quality mineral fibre rolls  
Faced with reinforced aluminium foil.

### **Application**

Thermal and acoustic insulation for air conditioning, warm air and extract ducts used in the internal and external environment within plant rooms and boiler houses. Also used for insulation of water storage and expansion tanks. Icerock Ductwrap is also used as an infill material in the manufacture of Fabric Covered Flexible Insulation Jackets which are used to insulate valves, flanges & other items of equipment of HVAC & Industrial Plant.

### **Normal Density**

40 – 45 kg/m<sup>3</sup>

The limited temperature of the fibre is more than +1000°C but the rolls should not be used where temperatures are continuously above +250°C.

<b><u>Dimensions</u></b>	
<b>Width x Length</b>	<b>Thickness</b>
900 x 10000 mm	25mm
900 x 8500 mm	40mm
900 x 7500 mm	50mm
In accordance with EN 822	In accordance with EN 823

### **Packaging**

Package Type - Shrink Wrap Polythene

<b><u>Reaction to Fire</u></b>		
<b>Essentials Characteristics</b>	<b>Performance</b>	<b>Harmonised technical specification (Incl. method standard)</b>
Reaction to fire, Euroclass	A1	EN 13501-1
Other Fire Properties		
Description	Value	In accordance with
Combustibility	Non-Combustible	EN ISO 1182:2002 Class O According to BS 476: Part 6 1989 and part 7 1997

### **Thermal Properties**

<b>Thermal Resistance</b>		
<b>Essential Characteristics</b>	<b>Performance</b>	<b>Harmonised technical specification (Incl. method standard)</b>
Thermal Conductivity (declared) in 10°C, $\lambda_{10}$	0.033 W/mK	
Thermal Conductivity (declared) in 50°C, $\lambda_{50}$	0.039 W/mK	
Thermal Conductivity (declared) in 100°C, $\lambda_{100}$	0.049 W/mK	
Thermal Conductivity (declared) in 150°C, $\lambda_{150}$	0.060 W/mK	

Values announced by manufacturer

### **Moisture Properties**

<b>Water Permeability</b>		
<b>Essential Characteristics</b>	<b>Performance</b>	<b>Harmonized technical specification (Incl. method statement)</b>
Water Absorption, Short Term WS, Wp	$\leq 1 \text{ kg/m}^2$	EN 1609

### **Facings**

Facing material

Reinforced aluminium foil