

Mineral Wool Pipe Support Blocks

Description

Kora mineral wool pipe support blocks are made from 200kg non-combustible mineral wool. Provide an effective insulation solution, protecting against fire, excessive heat as well as offering acoustic properties. Limit the impact of thermal bridging from pipe suspension systems. Support steel and copper pipes operating at temperatures between 0°C and 650°C.

Material

200kg/m³ non-combustible mineral wool

Thickness

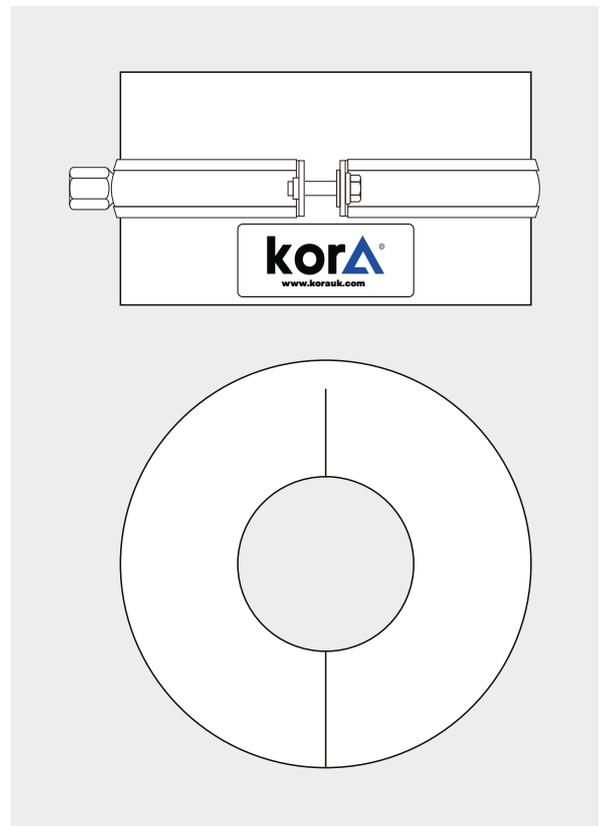
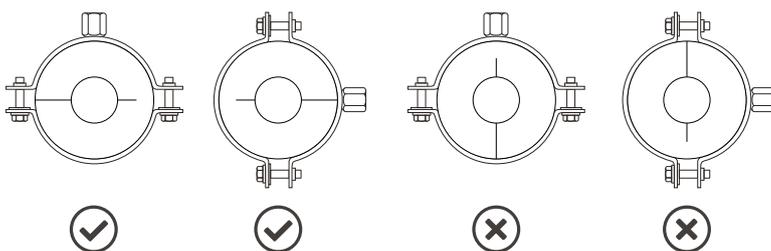
20mm / 25mm / 30mm / 40mm
(Other thicknesses available on request)

Foil Covering

Temperature resistance: -5 to +90°C
Burning Class: Class 0 (BS 476)

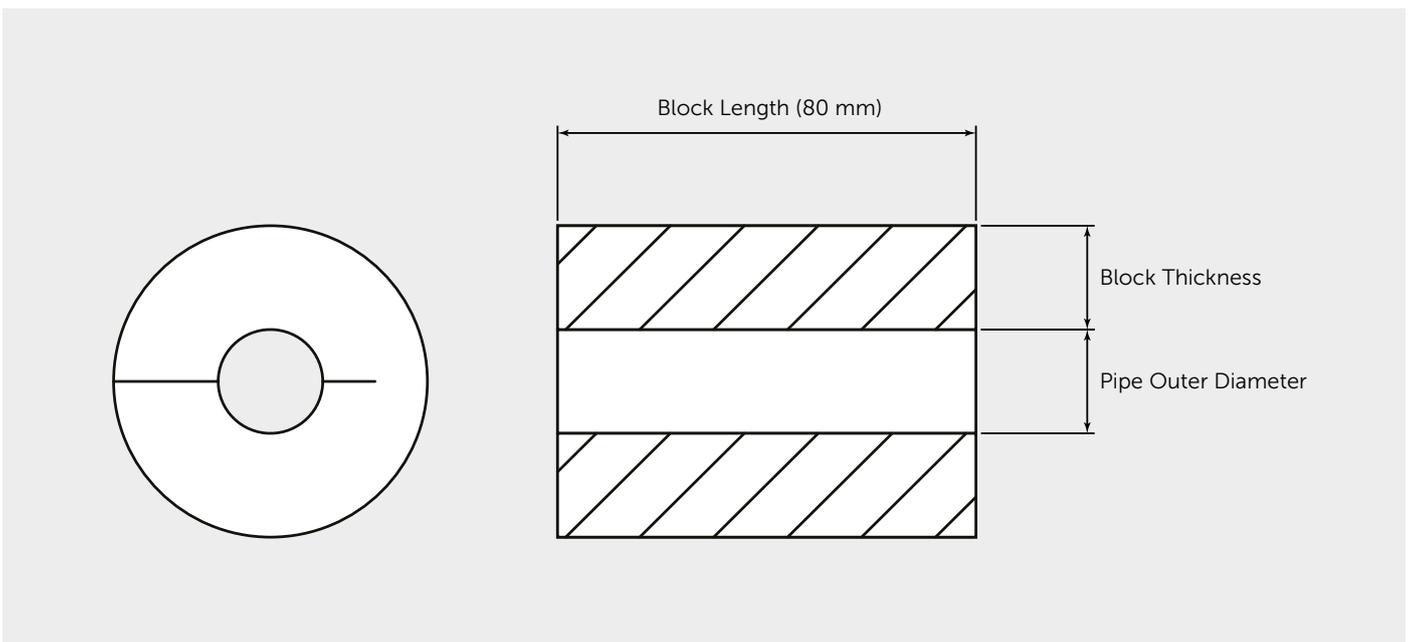
Installation

1. Lift the peel-and-seal flap, open the block and move into position around the pipe.
2. Close the block, peel the silicone paper from the flap and stick into position.
3. Ensure block is rotated to correct horizontal position.
4. Install with Kora unlined pipe clamp.
(See clamp selector on page 3)



Specification

Pipe Size Outer Diameter	Pipe Size Nominal Bore	Thickness 20mm	Thickness 25mm	Thickness 30mm	Thickness 40mm	Block Length
17mm	10mm	11017	12017	13017	14017	80mm
21mm	15mm	11021	12021	13021	14021	80mm
27mm	20mm	11027	12027	13027	14027	80mm
34mm	25mm	11034	12034	13034	14034	80mm
42mm	32mm	11042	12042	13042	14042	80mm
48mm	40mm	11048	12048	13048	14048	80mm
54mm	-	11054	12054	13054	14054	80mm
60mm	50mm	11060	12060	13060	14060	80mm
67mm	-	11067	12067	13067	14067	80mm
76mm	65mm	11076	12076	13076	14076	80mm
89mm	80mm	11089	12089	13089	14089	80mm
108mm	90mm	11108	12108	13108	14108	80mm
114mm	100mm	11114	12114	13114	14114	80mm
139mm	125mm	11139	12139	13139	14139	80mm



Clamp Selector

Find the compatible Kora pipe clamp for your mineral wool block



Pipe Size Outer Diameter	Pipe Size Nominal Bore	Product Name	Thickness 20mm	Thickness 25mm	Thickness 30mm	Thickness 40mm
17mm	10mm	Mineral Wool Block	11017	12017	13017	14017
		Unlined Pipe Clamp	10475	10485	10490	10505
21mm	15mm	Mineral Wool Block	11021	12021	13021	14021
		Unlined Pipe Clamp	10480	10485	10495	10505
27mm	20mm	Mineral Wool Block	11027	12027	13027	14027
		Unlined Pipe Clamp	10485	10490	10500	10510
34mm	25mm	Mineral Wool Block	11034	12034	13034	14034
		Unlined Pipe Clamp	10490	10495	-	10515
42mm	32mm	Mineral Wool Block	11042	12042	13042	14042
		Unlined Pipe Clamp	10495	10500	10505	-
48mm	40mm	Mineral Wool Block	11048	12048	13048	14048
		Unlined Pipe Clamp	10500	10505	10510	-
54mm	-	Mineral Wool Block	11054	12054	13054	14054
		Unlined Pipe Clamp	-	10505	10515	-
60mm	50mm	Mineral Wool Block	11060	12060	13060	14060
		Unlined Pipe Clamp	10505	10510	-	-
67mm	-	Mineral Wool Block	11067	12067	13067	14067
		Unlined Pipe Clamp	10510	10515	-	-
76mm	65mm	Mineral Wool Block	11076	12076	13076	14076
		Unlined Pipe Clamp	10515	-	-	-
89mm	80mm	Mineral Wool Block	11089	11089	11089	11089
		Unlined Pipe Clamp	-	-	-	-
108mm	90mm	Mineral Wool Block	11108	12108	13108	14108
		Unlined Pipe Clamp	-	-	-	-
114mm	100mm	Mineral Wool Block	11114	12114	13114	14114
		Unlined Pipe Clamp	-	-	-	-
139mm	125mm	Mineral Wool Block	11139	12139	13139	14139
		Unlined Pipe Clamp	-	-	-	-

Declared Performances

Property	Value	According to
Dimensional Stability		
Maximum Service Temperature – Dimensional Stability	660°C	EN 14303:2009+A1:2013 (EN 14706)
Durability of Fire and Thermal Properties		
Durability of Reaction to Fire Against Ageing/Degradation	The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.	
Durability of Reaction to Fire Against High Temperature	The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.	
Durability of Thermal Resistance Against Ageing/Degradation	Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.	
Reaction to Fire		
Reaction to Fire, Euroclass	A2L - s1 - d0	EN 14303:2009+A1:2013 (EN 13501-1)
Continuous Glowing Combustion		
Continuous Glowing Combustion	NPD	EN 14303:2009+A1:2013
Thermal Resistance		
Thermal Conductivity in 50 °C	0,042 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 100 °C	0,046 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 150 °C	0,052 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 200 °C	0,060 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 250 °C	0,069 W/mK	EN 14303:2009+A1:2013 (EN 14706)
Thermal Conductivity in 300 °C	0,081 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 400 °C	0,110 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 500 °C	0,147 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 600 °C	0,192 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity in 660 °C	0,222 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Dimensions and Tolerances	T5	EN 14303:2009+A1:2013
Water Permeability		
Water Absorption, Short Term WS, Wp	< 1 kg/m ²	EN 14303:2009+A1:2013 (EN 1609)
Water Vapour Permeability		
Water Vapour Diffusion Resistance	NPD	EN14303:2009+A1:2013 (EN12086)
Acoustic Absorption Index		
Sound Absorption	NPD	EN14303:2009+A1:2013 (ENISO354)
Compressive Strength		
Compressive stress at 10 %deformation CS(10)	250kPa	EN ISO 29469:2022
Trace Quantities of Water-Soluble Ions and the pH Value		
Chloride Ions, Cl ⁻	< 10 ppm	EN 14303:2009+A1:2013 (EN 13468)
Release of Dangerous Substances to the Indoor Environment		
Release of Dangerous Substances	NPD	EN14303:2009+A1:2013