



SINDANYO H91

Sindanyo H91 is a high temperature engineering material and structural insulation board, which will provide outstanding service in arduous applications where high temperatures or heat transferences are a problem or where long term insulation at temperature is required. Sindanyo H91 is designed to operate at elevated temperatures offering, primarily, thermal insulation performance, but also outstanding electrical properties. Highly resistant to thermal shock, this material exhibits low heat storage and thermal conductivity properties, making them the preferred choice for energy conservation applications.

SINDANYO H91 is the most well developed asbestos-free cement board available. The material exhibits excellent strength even at high temperatures up to 700°C. H91 is used in heat and electrical insulation applications in induction furnaces, billet heater boxes, oven cladding, cathode support pads, furnaces and smelters. It is THE industry standard for high temperature insulation boards and structural insulation boards.

Sindanyo H91 has been developed to provide outstanding service in demanding thermal and electrical applications. It is manufactured from a mixture of cement and fibres.

Key Features: Strong and rigid with excellent insulation properties. Low thermal conductivity, high strength at higher temperatures and suitable for machined components.

RS Stock No		Material	Maximum Operating Temperature	Length	Width	Thickness	Density	Flame Retardant	Thermal Shock Resistant	Thermal Conductivity
1467762	Sindanyo H91 plate, 300x295x6mm	Sindanyo H91	700°C	300mm	295mm	6mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467764	Sindanyo H91 plate, 300x295x10mm	Sindanyo H91	700°C	300mm	295mm	10mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467765	Sindanyo H91 plate, 300x295x15mm	Sindanyo H91	700°C	300mm	295mm	15mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467766	Sindanyo H91 plate, 300x295x20mm	Sindanyo H91	700°C	300mm	295mm	20mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467767	Sindanyo H91 plate, 300x295x25mm	Sindanyo H91	700°C	300mm	295mm	25mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467768	Sindanyo H91 bar, 300x25x25mm	Sindanyo H91	700°C	300mm	25mm	25mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467769	Sindanyo H91 bar, 300x40x40mm	Sindanyo H91	700°C	300mm	40mm	40mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467770	Sindanyo H91 bar, 300x50x50mm	Sindanyo H91	700°C	300mm	50mm	50mm	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467771	Sindanyo H91 rod, 300x25mm	Sindanyo H91	700°C	300mm	25mm dia	25mm dia	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467772	Sindanyo H91 rod, 300x40mm	Sindanyo H91	700°C	300mm	40mm dia	40mm dia	1.6 g/cm ³	Yes	Yes	0.5 W/mK
1467773	Sindanyo H91 rod, 300x50mm	Sindanyo H91	700°C	300mm	50mm dia	50mm dia	1.6 g/cm ³	Yes	Yes	0.5 W/mK