

# Sindanyo H91

Sindanyo H91 has been specially developed to provide outstanding service in demanding thermal applications, where a quality, high strength, machine able engineering board is required.

Sindanyo H91 exhibits excellent strength even at high temperatures reaching up to 700°C. This, alongside it being asbestos-free, has underlined H91's position as the leading engineering cement available.

Properties	Units	
Compressive strength	MPa	90
	24 hours @ 350 °C	38
	24 hours @ 500 °C	31
	24 hours @ 700 °C	29
Flexural strength	MPa	30
	24 hours @ 350 °C	16
	24 hours @ 500 °C	13
	24 hours @ 700 °C	13
Impact strength	Kj/mm	4
	24 hours @ 350 °C	2,4
	24 hours @ 500 °C	2,4
	24 hours @ 700 °C	2,4
Electric strength @ 90 °C	KV/mm in air	2,1
Surface Breakdown @ 90 °C	KV in air	15
Maximum Continuous Operating Temperature	°C	700
Maximum Intermittant Operating Temperature	°C	-
Thermal Conductivity	W/m K	0,5
Linear Shrinkage	% @ 350 °C	0,36
Density	g/cm <sup>3</sup>	1,6
Water absorption	% in 24 hours @ 23 °C	15

Colour	-	Grey
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**Availability:**

Sindanyo H91 can be delivered as sheet cut-offs and finished parts.

Sheet:            Size:                            940 x 1245 mm  
                     Thickness:                        6 - 75 mm

Parts:            Finished products conform drawing