Sindanyo H91 Insulation Board Quick Reference Guide



Overview

Our Sindanyo H91 Insulation Board is designed for applications that require both high physical strength and heat resistance.

This engineering cement has excellent compressive, flexural and impact strength and that is maintained even at elevated temperatures.

Sindanyo H91 Heat Insulation Board can withstand continuous exposure to temperatures up to 700°C.

Grey in colour, this material can be cut and machined to produce various insulating and structural parts used in all kinds of industries and applications.

Sindanyo H91 also has good electrical insulation properties. Electrical strength (at 90°C) is rated as 2.1kV/mm (in air).

Key Specifications

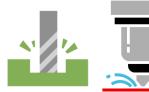
| Temperature Resistance | 700°C |
|------------------------|-----------------------|
| Colour | Grey |
| Density | 1.6 g/cm ³ |
| Compressive Strength | |
| Ambient | 90 MPa |
| 24 Hours @ 700°C | 29 MPa |
| Flexural Strength | |
| Ambient | 30 MPa |
| 24 Hours @ 700°C | 13 MPa |

Custom Sindanyo Sheets and Parts.

All the smaller sizes of Sindanyo H91 sheets listed on the next page are cut to order. Consequently, it is no problem to produce custom sized sheets, panels or parts.

More complex components can also be produced through either water cutting, machining or some combination of the two. This includes insulating washers, pads, blocks, bushes, gears and much more.

For more information on custom components made from our Sindanyo Cement Insulation Sheet, please do contact us.









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H91 Insulation Board Sheet Sizes.

The tables below list all our standard sizes of Sindanyo H91. To quickly find any on our website, just search for the SWM part number listed. Alternatively, browse the full range at swiftsupplies.com.au/sindanyo-cement-insulation-board-700-c

| Thickness | Small Sheets 200mm x 230mm | Medium Sheets 400mm x 460mm |
|-----------|-------------------------------|--------------------------------|
| 6mm | SWM000374P01V0001 | SWM000374P02V0001 |
| 10mm | SWM000374P01V0002 | SWM000374P02V0002 |
| 12mm | SWM000374P01V0003 | SWM000374P02V0003 |
| 20mm | SWM000374P01V0004 | SWM000374P02V0004 |
| 25mm | SWM000374P01V0005 | SWM000374P02V0005 |
| 40mm | SWM000374P01V0006 | SWM000374P02V0006 |
| 50mm | SWM000374P01V0007 | SWM000374P02V0007 |

| Thickness | Half Sheets 600mm x 940mm | Full Sheets 940mm x 1245mm |
|-----------|------------------------------|-------------------------------|
| 6mm | SWM000374P03V0001 | SWM000374B01V0001 |
| 10mm | SWM000374P03V0002 | SWM000374B01V0002 |
| 12mm | SWM000374P03V0003 | SWM000374B01V0003 |
| 20mm | SWM000374P03V0004 | SWM000374B01V0004 |
| 25mm | SWM000374P03V0005 | SWM000374B01V0005 |
| 40mm | SWM000374P03V0006 | SWM000374B01V0006 |
| 50mm | SWM000374P03V0007 | SWM000374B01V0007 |



