

Multitemp H91

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

Multitemp 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 ³ | 1,6 |
| Water absorption | % in 24 hours @ 23 °C | 15 |

| | | |
|--------|---|------|
| Colour | - | Grey |
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Availability:

Multitemp H91 can be delivered as full sheets, sheet cut-offs and finished parts.

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

Parts: Finished products conform drawing