



## DATA SHEET - TECNOFIRE® 60852A

<b>PRODUCT CODE:</b>	60852A
<b>PRODUCT DESCRIPTION:</b>	Graphite based, mineral fibre, flexible, intumescent mat
<b>CALIPER/THICKNESS @ 10kPa:</b>	2.0mm, 2.5mm, 3.0mm, 4.0mm (Non standard thickness can be supplied 0.5 – 5.0mm)
<b>THERMALLY ACTIVE CONSTITUENT:</b>	Thermally expandable graphite (TEG)
<b>ACTIVATION TEMPERATURE:</b>	>190°C
<b>EXPANSION RATIO:</b>	6:1 Average
<b>CHEMICAL RESISTANCE:</b>	No change was noted in expansion ratio or tensile strength After 4 weeks immersed in dilute sulphuric acid, light mineral oil or paraffin.
<b>MOISTURE RESISTANCE:</b>	Tests carried out after 4 weeks immersion in water at room temperature showed no significant change in expansion ratio or tensile strength.

### PHYSICAL PROPERTIES

<b>MOISTURE CONTENT:</b>	0.5 %
<b>AVERAGE DENSITY @10kPa:</b>	260 Kg/m <sup>3</sup>
<b>TENSILE STRENGTH MD:</b>	Min 25.0 N/15 mm ( 2.0mm )

All measurements are taken from the results of Technical Fibre Products standard test methods.

The data contained herein is not intended to be a guaranteed specification.  
The user must be satisfied that the product is entirely suitable for their intended application

**TECNOFIRE® is a registered trademark of Technical Fibre Products Ltd**

Document control: Issue No. 2 Preparation Date: March 2002

