

Isofrax® 1260C Board is based on a revolutionary new fibre with a unique, patented silica-magnesia chemistry. Designed to be used in a wide variety of demanding, high temperature applications, Isofrax has very high solubility in simulated body fluids and meets the European and German regulatory requirements.

Isofrax 1260C Board is manufactured by wet mixing Isofrax 1260C Bulks with selected organic and inorganic binders on specially developed continuous lines, giving a flat, homogeneous product with good die-cutting and machining properties.



## GENERAL CHARACTERISTICS

Isofrax 1260C Board has these outstanding characteristics:

- High temperature stability (up to 1260°C)
- Low thermal conductivity
- Good flexural strength
- Easy to machine and die-cut
- Resists crack propagation
- Low warpage
- Good surface finish

## Typical Chemical Analysis (Fibre wt. %)

SiO <sub>2</sub>	70.0 – 80.0
MgO	18.0 – 27.0
Trace	< 4.0
<b>Loss on Ignition</b>	<b>&lt;7%</b>

## TYPICAL PRODUCT PARAMETERS

### Physical Properties

Colour	Off white - light tan	
Melting Point	> 1500°C	
Mean Fibre Diameter	4.0 – 4.5 microns	
Density		
(average at 15-25mm)	240 kg/m <sup>3</sup>	
(average at 10mm)	265 kg/m <sup>3</sup>	
Thickness	<15mm	15-25mm
Modulus of Rupture (as received)	> 900 kPa	> 500 kPa

### Thermal Conductivity Data (W/mK)

400°C Mean Temp.	0.074
600°C Mean Temp.	0.099
800°C Mean Temp.	0.126
1000°C Mean Temp.	0.154

Any new and/or special use of these products, whether or not in an application listed in this datasheet, must be submitted to our technical department for their prior written approval.

Information contained in this publication is for illustrative purposes only and is not intended to create any contractual obligation.

ISO/Bd/001/E/R1  
December 2003

Printed  
in France  
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## Typical Applications

- High temperature gaskets and seals
- Domestic boiler combustion chamber linings
- Aluminium launder covers
- Back-up lining to refractory brick/castable
- Cooling covers
- Heat shields

## Availability

Standard thicknesses (mm)	5	10	12	15	25	50
Standard sizes	Quantity per carton					
1000mm x 610mm	20	10	8	6	4	2
1000mm x 1250mm	20	10	8	6	4	2

Other thicknesses/sizes may be available on request subject to a minimum order requirement. Boards can also be supplied palletised and shrink wrapped without cartons.

Supplied by:

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### Handling Information

A Material Safety Data Sheet is available for this product.



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