



**DIMER**  
YOUR SEALING PARTNER

**INDUSTRIAL TEXTILE,  
INSULATION PACKINGS  
AND MILLBOARD**

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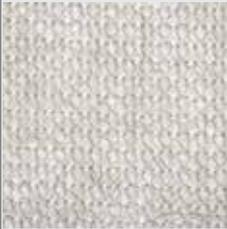
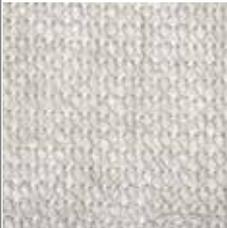
## DIMERTERM STATIC PACKINGS

Type		Fibre	Construction	Max temperature	Size range
				[°C]	[mm]
<b>DIMERTERM GP 10</b>		glass	square braided	+500	∅ 4-60
<b>DIMERTERM GP 20</b>		glass	round braided	+500	∅ 3-60
<b>DIMERTERM GP 30</b>		glass	twisted	+500	∅ 2-15
<b>DIMERTERM GP 40</b>		glass	resilient core over-braided with glass fibre open-mesh	+500	∅ 30-30
<b>DIMERTERM CGP 50</b>		ceramic + glass	square braided	+650	∅ 5-60
<b>DIMERTERM CIP 50</b>		ceramic + inconel wire	square braided	+1100	∅ 5-60
<b>DIMERTERM CGP 60</b>		ceramic + glass	round braided	+650	∅ 5-60
<b>DIMERTERM CIP 60</b>		ceramic + inconel wire	round braided	+1100	∅ 5-60
<b>DIMERTERM CGP 70</b>		ceramic + glass	twisted	+650	∅ 3-15
<b>DIMERTERM CIP 70</b>		ceramic + inconel wire	twisted	+1100	∅ 3-15
<b>DIMERTERM BP 80</b>		basalt	square braided	+750	∅ 4-60
<b>DIMERTERM BP 90</b>		basalt	round braided	+750	∅ 3-60

- all types of packings can be supplied with graphite impregnation
- overbraided packings are available with either sibral or e-glass core
- rectangular-cross section is available upon discussion with manufacturer only

Application: door seals for ovens, boilers, autoclaves, furnaces and stoves, pipe and cable laggings, low pressure dry sealing, metallurgy and glass industry, coking plants

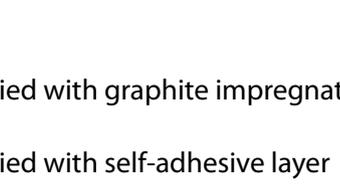
## DIMERTEX INDUSTRIAL TEXTILES

Type		Fibre	Construction	Max temperature	Length	Width	Thickness
				[°C]	[mm]	[m]	[mm]
<b>DIMERTEX GST</b>		glass	non woven textile	+500	25 / 50	0,9 / 1,8	1
<b>DIMERTEX GET</b>		glass	non woven textile	+500	25 / 50	0,8 / 1,8	1,5
<b>DIMERTEX CGT</b>		ceramic+glass	plain woven cloth	+650	30	1	2
<b>DIMERTEX CIT</b>		ceramic, glass+inconel	plain woven cloth	+1100	30	1	3

- incombustible and rot-proof
- good thermal and electrical insulation properties, most fabrics can be supplied with aluminium foil
- most textiles can be made with Al foil

Application: fabrics are used in many applications including fire safety, high temperature insulation, air conditioning and refrigerating equipments, protective clothing and pipe-cable wrappings

## DIMERTEX STATIC PACKINGS - TAPE

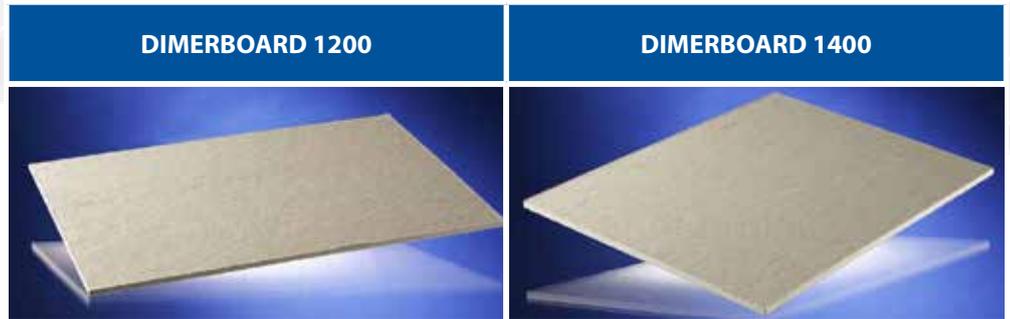
Type		Fibre / Construction	Max temperature	Thickness	Width
			[°C]	[mm]	[m]
<b>DIMERTEX GLASS TAPE I</b>		glass	+500	3	25 - 200
<b>DIMERTEX GLASS TAPE II</b>		glass	+500	5	50 - 250
<b>DIMERTEX CERAMIC TAPE I</b>		ceramic + glass	+650	3	25 - 200
<b>DIMERTEX CERAMIC TAPE II</b>		ceramic + inconel wire	+1100	5	25 - 200

- all types can be supplied with graphite impregnation
- all types can be supplied with self-adhesive layer
- all types can be supplied with fell of the tapes

Application : fire protection for hoses, insulation of industrial chimneys

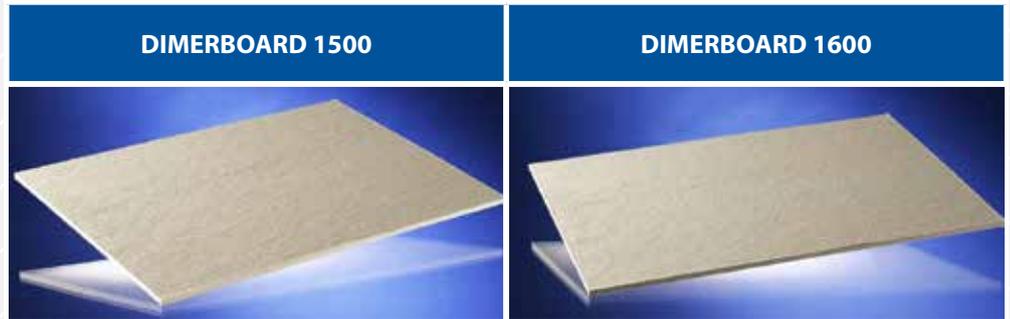
All information in this catalogue are given in good faith and no warranty is given or implied since the application and use is beyond our control.

## DIMERBOARD - HIGH TEMPERATURE INSULATING MATERIAL



		DIMERBOARD 1200	DIMERBOARD 1400
Colour		White/Tan	White/Tan
Description		Dimerboard 1200 is high quality insulating millboard produced from ceramic fibers blended with inorganic and inorganic binders with excellent insulating performance and thermal stability.	Dimerboard 1400 is high quality insulating millboard produced from ceramic fibers blended with inorganic and inorganic binders with excellent insulating performance and thermal stability.
Standard thickness:			
		3,5,6,10,12,15,18,20,25,30,40,50 mm	
Typical application		<ul style="list-style-type: none"> <li>- high temperature furnace and kiln linings</li> <li>- rigid high temperature gaskets and seals</li> <li>- heat shields</li> <li>- gas boiler combustion chamber linings</li> </ul>	<ul style="list-style-type: none"> <li>- high temperature furnace and kiln linings</li> <li>- rigid high temperature gaskets and seals</li> <li>- heat shields</li> <li>- gas boiler combustion chamber linings</li> </ul>
<b>Technical data</b>			
Max. temperature*	°C	1200	1400
Melting point	°C	1760	1740
Modulus of rupture	Kpa	> 800	> 800
Density	kg/m <sup>3</sup>	390	340
Loss of ignition	wt %	< 9.0	< 9.0
Thermal conductivity			
600°C	W/mK	0.13	-
800°C	W/mK	0.16	0.16
1000°C	W/mK	0.19	0.20
1200°C	W/mK	-	0.26
1400°C	W/mK	-	-
Permanent linear shrinkage			
24 hour soak	%	< 4.0	< 4.0
Typical chemical analysis (fibre wt %)			
SiO <sub>2</sub>		50.0 - 58.0	52.0 - 56.0
Al <sub>2</sub> O <sub>3</sub>		42.0 - 50.0	28.0 - 32.0
ZrO <sub>2</sub>		-	14.0-18.0
Fe <sub>2</sub> O <sub>3</sub> + TiO <sub>2</sub>		< 0.2	< 0.2
Alkalis		< 0.25	< 0.25

\*Maximum temperature refers to the maximum short term temperature limit. The maximum continuous temperature depends upon application conditions.



		DIMERBOARD 1500	DIMERBOARD 1600
Colour		White/Tan	White/Tan
Description		Dimerboard 1500 is high quality insulating millboard produced from ceramic fibers blended with inorganic and inorganic binders with excellent insulating performance and thermal stability. In addition high alumina polycrystalline fibres are used, which, in combination ingredients, increases continuous operating temperature.	Dimerboard 1500 is high quality insulating millboard produced from ceramic fibers blended with inorganic and inorganic binders with excellent insulating performance and thermal stability. In addition high alumina polycrystalline fibres are used, which, in combination ingredients, increases continuous operating temperature.
Standard thickness: 3,5,6,10,12,15,18,20,25,30,40,50 mm			
Typical application		<ul style="list-style-type: none"> <li>- high temperature furnace and kiln linings</li> <li>- rigid high temperature gaskets and seals</li> <li>- heat shields</li> <li>- gas boiler combustion chamber linings</li> </ul>	<ul style="list-style-type: none"> <li>- high temperature furnace and kiln linings</li> <li>- rigid high temperature gaskets and seals</li> <li>- heat shields</li> <li>- gas boiler combustion chamber linings</li> </ul>
<b>Technical data</b>			
Max. temperature*	°C	1200	1400
Melting point	°C	1760	1740
Modulus of rupture	Kpa	> 800	> 800
Density	kg/m <sup>3</sup>	390	340
Loss of ignition	wt %	< 9.0	< 9.0
Thermal conductivity			
600°C	W/mK		
800°C	W/mK	0.16	0.05
1000°C	W/mK	0.20	
1200°C	W/mK	0.26	
1400°C	W/mK	-	
Permanent linear shrinkage			4
24 hour soak	%	< 4.0	5
Typical chemical analysis (fibre wt %)			
SiO <sub>2</sub>		50.0 - 58.0	52.0 - 56.0
Al <sub>2</sub> O <sub>3</sub>		42.0 - 50.0	28.0 - 32.0
ZrO <sub>2</sub>		-	14.0-18.0
Fe <sub>2</sub> O <sub>3</sub> + TiO <sub>2</sub>		< 0.2	< 0.2
Alkalis		< 0.25	< 0.25

\*Maximum temperature refers to the maximum short term temperature limit. The maximum continuous temperature depends upon application conditions.

## PRODUCT RANGE

Hydraulic seals  
Industrial gaskets  
Gasket materials  
Mechanical seals  
Packings  
Insulations  
Services

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