



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]
DIMERTERM GP 10		glass	square braided	+500	∅ 4-60
DIMERTERM GP 20		glass	round braided	+500	∅ 3-60
DIMERTERM GP 30		glass	twisted	+500	∅ 2-15
DIMERTERM GP 40		glass	resilient core overbraided with glass fibre open-mesh	+500	∅ 30-30
DIMERTERM CGP 50		ceramic + glass	square braided	+650	∅ 5-60
DIMERTERM CIP 50		ceramic + inconel wire	square braided	+1100	∅ 5-60
DIMERTERM CGP 60		ceramic + glass	round braided	+650	∅ 5-60
DIMERTERM CIP 60		ceramic + inconel wire	round braided	+1100	∅ 5-60
DIMERTERM CGP 70		ceramic + glass	twisted	+650	∅ 3-15
DIMERTERM CIP 70		ceramic + inconel wire	twisted	+1100	∅ 3-15
DIMERTERM BP 80		basalt	square braided	+750	∅ 4-60
DIMERTERM BP 90		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





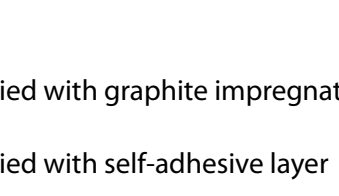
DIMERTEX INDUSTRIAL TEXTILES

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

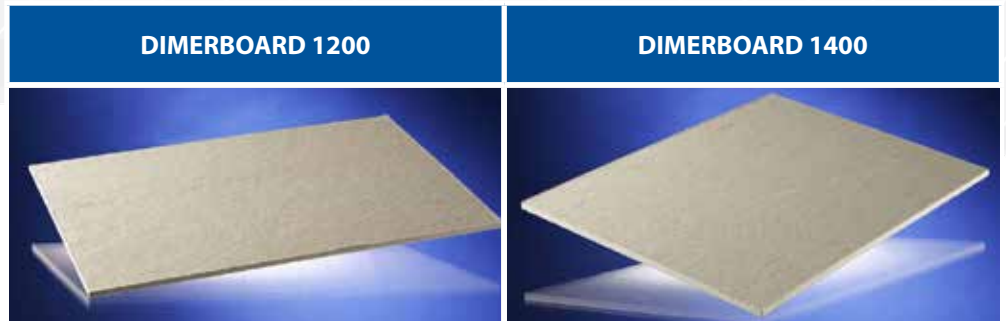
Type		Fibre / Construction	Max temperature	Thickness	Width
			[°C]	[mm]	[m]
DIMERTEX GLASS TAPE I		glass	+500	3	25 - 200
DIMERTEX GLASS TAPE II		glass	+500	5	50 - 250
DIMERTEX CERAMIC TAPE I		ceramic + glass	+650	3	25 - 200
DIMERTEX CERAMIC TAPE II		ceramic + inconel wire	+1100	5	25 - 200

- 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

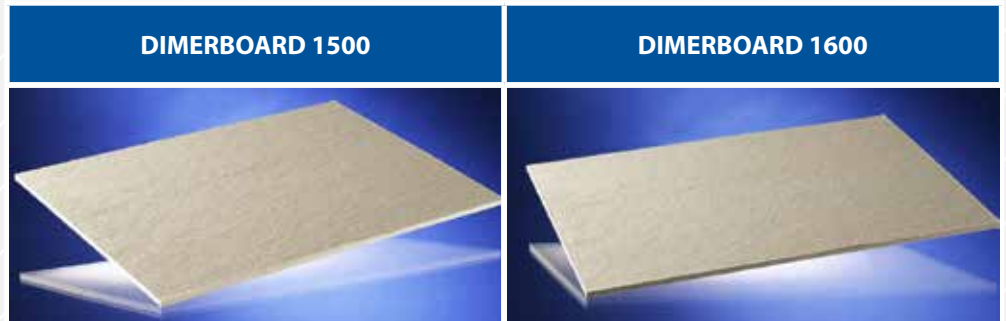
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DIMERBOARD - HIGH TEMPERATURE INSULATING MATERIAL



		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"> - high temperature furnace and kiln linings - rigid high temperature gaskets and seals - heat shields - gas boiler combustion chamber linings 	<ul style="list-style-type: none"> - high temperature furnace and kiln linings - rigid high temperature gaskets and seals - heat shields - gas boiler combustion chamber linings
Technical data			
Max. temperature*	°C	1200	1400
Melting point	°C	1760	1740
Modulus of rupture	Kpa	> 800	> 800
Density	kg/m ³	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 ₂		50.0 - 58.0	52.0 - 56.0
Al ₂ O ₃		42.0 - 50.0	28.0 - 32.0
ZrO ₂		-	14.0-18.0
Fe ₂ O ₃ + TiO ₂		< 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"> - high temperature furnace and kiln linings - rigid high temperature gaskets and seals - heat shields - gas boiler combustion chamber linings 	<ul style="list-style-type: none"> - high temperature furnace and kiln linings - rigid high temperature gaskets and seals - heat shields - gas boiler combustion chamber linings
Technical data			
Max. temperature*	°C	1200	1400
Melting point	°C	1760	1740
Modulus of rupture	Kpa	> 800	> 800
Density	kg/m ³	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 ₂		50.0 - 58.0	52.0 - 56.0
Al ₂ O ₃		42.0 - 50.0	28.0 - 32.0
ZrO ₂		-	14.0-18.0
Fe ₂ O ₃ + TiO ₂		< 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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