

# FINEFLEX BIO™ Board

FINEFLEX BIO™ Board is a product made by adding organic and inorganic binders to FINEFLEX BIO™ Bulk and molding it into a board shape.

TOMBO™ No.5625-M is a low odor type to which small amounts of organic binder are added. TOMBO™ No.5625-A is a general-purpose type with excellent workability.

## ► Features

- Exhibits an excellent thermal insulating effect due to its light weight and low thermal conductivity.
- Production of processed goods is possible.

## ► Applications

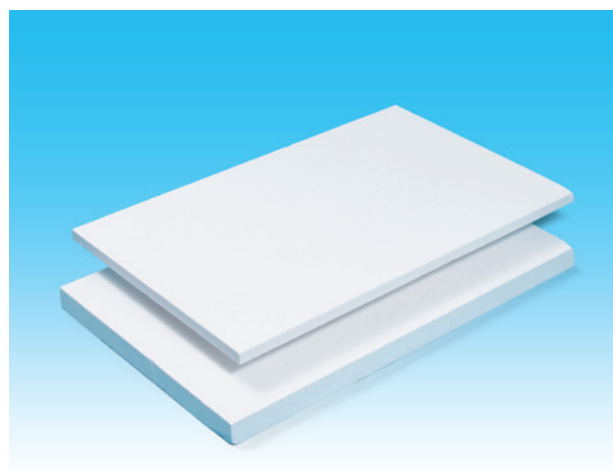
- Standard high-temperature insulating material
- Lining material and backup material for insulating ceilings and walls of kilns
- Expansion joint filling material for interior parts of kilns
- Gas seal material

## ► Quality Characteristics

Item	TOMBO™ No.		
	5625-M	5625-A	
Features	Low odor type	Excellent workability	
Color	White		
Density (kg/m <sup>3</sup> )	250		
Max. heatproof temp. (°C)	1300		
Normal usage temperature (°C)	1000		
Bending strength (MPa)	Normal state	0.2	0.5
Coefficient of thermal contraction (%)	1000°C	1.2	0.9
	1200°C	1.7	2.8
Ignition loss (%)	0.7	4.0	
Chemical composition	SiO <sub>2</sub> , CaO, MgO, Other		

\* The above figures are actual measurements made by Nichias and not standard values.

\* Depending on usage environment, deformation or cracking may occur at temperatures over 1100°C. Please inform us of your usage conditions when ordering.



## ► Standard Dimensions

Thickness (mm)	Width × length (mm)
25	600 × 900
50	

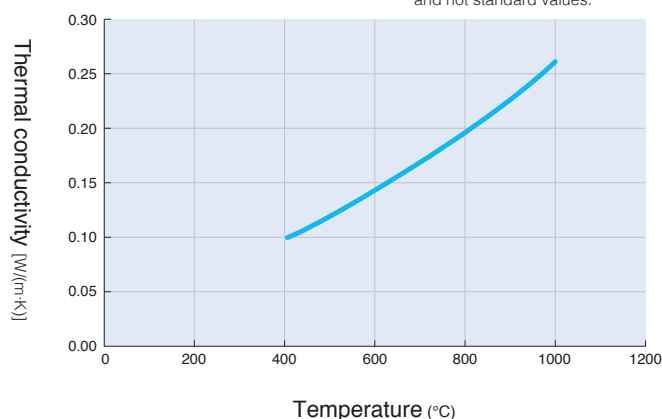
\* Please contact us for inquiries about other sizes.

## ► Packaging/Quantities

TOMBO™ No.	Carton dimensions (mm)	Quantity	
		Thickness 25mm	Thickness 50mm
5625-M	110 × 620 × 920	4	2
5625-A			

## ► Thermal conductivity

\* The following figures are actual measurements made by Nichias and not standard values.



Thermal conductivity of TOMBO No.5625-A/M

\* TOMBO is a registered trademark or trademark of Nichias Corporation.  
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