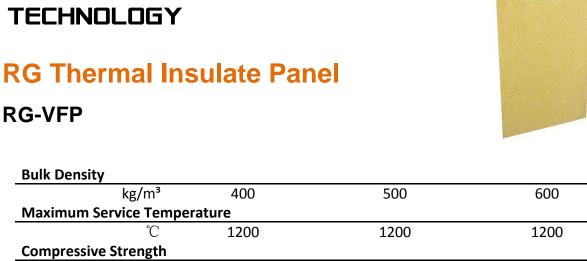


## **RG-VFP**



'\b/ '''	400	300	000
<b>Maximum Service Tempe</b>	rature		
$^{\circ}$	1200	1200	1200
<b>Compressive Strength</b>			
Мра	1.5	2.5	3.5
<b>Total Porosity</b>			
%	80	75	70
Liner Reheat Shrinkage			
24H @ 900°C %	<1	<1	<1
Thermal Conductivity			
<b>@ 200</b> ℃	0.101	0.127	0.129
W/mk @ 400℃	0.135	0.144	0.148
<b>@ 600</b> ℃	0.153	0.173	0.176
<b>Chemical Analysis (Typica</b>	I)	%	
Silica		41.2	
Alumina		12.68	
Ferric oxide		4.06	
Titanium dioxide		1.33	
Magnesium oxide		24.22	
Calcium oxide		0.96	
Potassium oxide		8.97	
0 1: 1		0.6	
Sodium oxide		0.0	

Standard Size & Thickness									
Length & Width			Thickness						
1000×	600 mm	2100 X 900 mm			15-20-25-29-38-45mm				
1000×	900 mm	2440 X	2440 X 1220 mm		Customized Size are Available				
Dimensior	nal Tolerand	es							
mm	0-10	10-120	120-400	400-600	600-1500	1500-2500			
mm	$\pm$ 0.5	$\pm$ 1.0	$\pm$ 1.5	$\pm$ 2.0	$\pm$ 2.5	$\pm$ 3.0			

Data given on this Material Safety Data Sheet are average tests conducted under standard procedures and are subject to variation. Date indicated in this data sheets are to the best of LYRG's knowledge and belief, accurate and reliable. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.



### **RG Thermal Insulate Panel**

**RG-VFP** 



**RG Thermal Insulate Panel** is non-combustible, fire resistant which can be easily cut to shape using standard woodworking tools.

**RG-VFP** is made of a kind of eco-friendly non-combustible mineral. It is chemically a hydrous, silicate mineral that is classified as a phyllosilicate.

#### **Features**

- Fireproof & Non combustible up to 1200°C
- Heat insulation & Low thermal conductivity
- Minimal shrinkage at high temperatures
- Easy to cut and install

# **Application**

Ideal products to use in the construction of Safe, Fire-rated Door, Thermal Insulate Wall, Fireplace/ Stove Heat Insulate Panel, Heat Insulate ect.







