

## Luyu RG Building Materials Co., Ltd.

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## **Performance:**

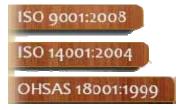
- √3 Hours Fireproof, Moisture-proof, Corrosion Resistant;
- ✓ **Light** in weight, Heat insulation, Sound absorption, Excellent Heat Preservation;
- ✓ Easy to attach or Embed to the structure;
- ✓ Easy to trim, flexible to meet various requirements for practical applications;















## **RG Door Core Panel**

## **RG-VDC**

<b>Bulk Density</b>						
-	kg/m³	40	00	500		600
Maximum Ser		ature				
	$^{\circ}$	12	200	1200		1200
Compressive S	trength					
	Mpa	1	.5	2.5		3.5
<b>Total Porosity</b>						
	%	8	30	75		70
Liner Reheat S						
24H @	900℃ %	<	:1	<1		<1
Thermal Cond	luctivity					
	@ 200°C	0.1	101	0.127		0.129
W/mk	@ 400°C	0.1	135	0.144		0.148
	@ 600°C	0.1	153	0.173		0.176
Chemical Analysis (Typical)				%		
Silica				41.2		
Alumina				12.68		
Ferric oxide				4.06		
Titanium dioxide				1.33		
Magnesium oxi	de			24.22		
Calcium oxide				0.96		
Potassium oxid	e			8.97		
Sodium oxide				0.6		
Loss on ignitio	n @1000℃	6.5				
Standard Size	& Thickness					
		Length	& Width	Thickness		
	$2100 \times 900$		900 mm	29-38-45 mm		
		$2440 \times 1220 \text{ mm}$		29-38-45 mm		
Dimensional Tolerances						
	0-10	10-120	120-400	400-600	600-1500	1500-2500
mm	±0.5	$\pm 1.0$	±1.5	±2.0	±2.5	±3.0

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheets are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted.