

# SINSU INSULATION

For Our Earth For Our Future

## Rotherm<sup>®</sup> GF Panel

A zero Ozone Depletion Potential(ODP) and low Global Warming Potential (GWP).

Insulation board with a rigid phenolic foam core, clad on both sides with a mesh glass fabric and reflective and low emissivity multi-layer gastight aluminium complex foil.

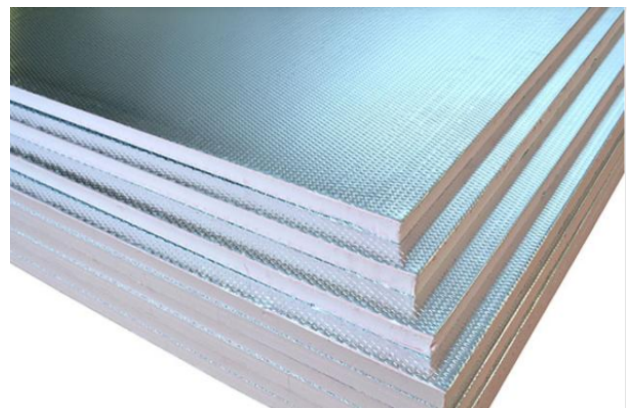
### Applications:

A insulation for timber, steel frame structure and concrete

### Thermal Conductivity:

0.018 w/(m.k) in accordance with EN 13165 and GB/T10294-2008

Bulk density :	32±2 kg/m <sup>3</sup>
Compressive strength :	130kpa
Closed cell structure :	95%
Air permeance :	0.001 l/s/m <sup>2</sup>
Water vapor permeance :	0.5%
Water absorption :	1.15%



### Fire and Flame Properties:

Flame Spread 5 in according with ASTM E84

Smoke Developed 32 in according with GB/T20284

### R-value of Thermal Performance Calculation Sheet

Thickness	20	30	40	50	60	70	80	90	100	120	140
R value	1.11	1.67	2.22	2.78	3.33	3.89	4.44	5.0	5.56	6.67	7.78
U value	0.90	0.60	0.45	0.36	0.30	0.26	0.23	0.20	0.18	0.15	0.13

### Standard Diemensions:

Length : 2280mm Width : 1200mm

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