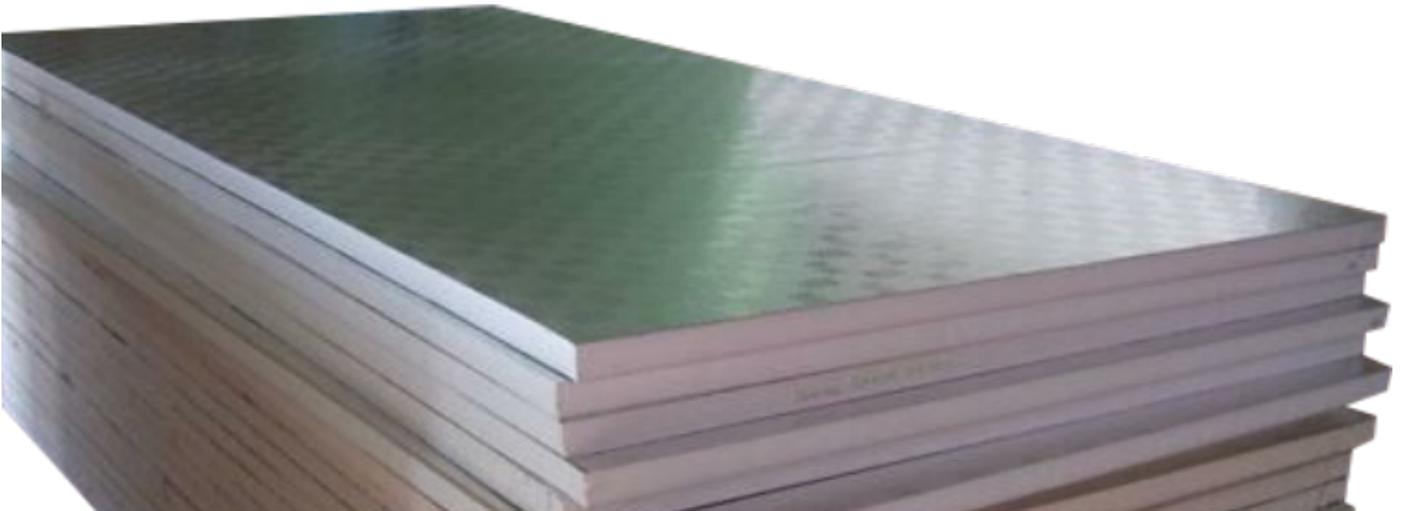


SINSU INSULATION

For Our Earth For Our Future

Potherm[®] GA Panel

A 100 % CFC, HCFC or HFC-free insulationboard with a rigid polyisocyanurate foam core, clad on both sides with mesh glass fabric and a reflective multi-layer gastight aluminium complex.



Applications:

A framing insulation for timber, steel deck and concrete

Thermal Conductivity:

0.022 W/(M.K) in accordance with EN 13165

Bulk density : 32±2 kg/m³

Compressive strength: 195KPa

Closed cell structure: 96%

Air permeance: 0.001 L/s/m²

Water absorption: 0.55%

Fire and Flame Properties:

SINSU Potherm AA has a reaction to fire class E in accordance with EN 13501-1 and Chinese Class B1 in accordance with GB/T20284.

The insulation board has a low to zero smoke emission rate and does not melt or drip.

R-value of Thermal Performance Calculation Sheet

Thickness	30	40	50	60	70	80	90	100	120	140	160
R value	1.36	1.82	2.5	2.73	3.19	3.64	4.09	4.55	5.45	6.36	7.27
U value	0.73	0.55	0.4	0.37	0.31	0.28	0.24	0.22	0.18	0.16	0.14

Standard Diemensions:

Length : 2280mm Width : 1200mm

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