

SINSU INSULATION

For Our Earth For Our Future

Potherm[®] GC Panel

A 100 % CFC, HCFC or HFC-free insulation board with a rigid polyisocyanurate foam core, clad on both sides with cement and glass fabric mat complex.

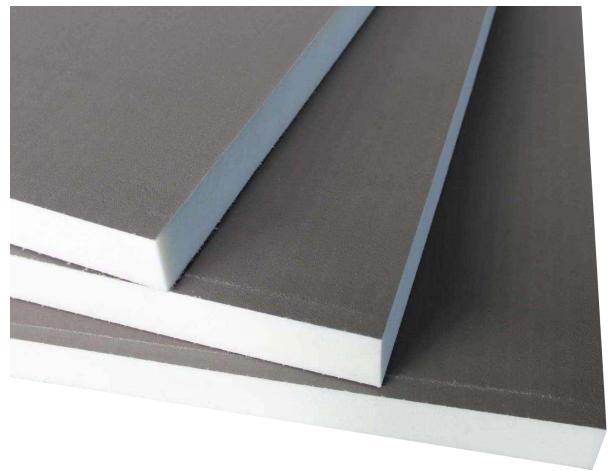
Applications:

Cement bonding wall insulation for the facade of the building

Thermal Conductivity:

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

Bulk density :	32±2 kg/m ³
Compressive strength:	165KPa
Closed cell structure:	96%
Air permeance:	0.001 L/s/m ²
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	1.15	1.54	1.92	2.30	2.69	3.08	3.46	3.85	4.62	5.39	6.15
U value	0.86	0.65	0.52	0.43	0.37	0.32	0.28	0.26	0.21	0.18	0.16

Standard Diemensions:

Length : 1200mm Width : 600mm