

SINSU INSULATION

For Our Earth For Our Future

Potherm[®] BGG Panel

A 100 % CFC, HCFC or HFC-free insulation board with a rigid polyisocyanurate foam core, clad one sides with bitumen coated glass fabric mat and other side of perforated coated fiberglass complex.

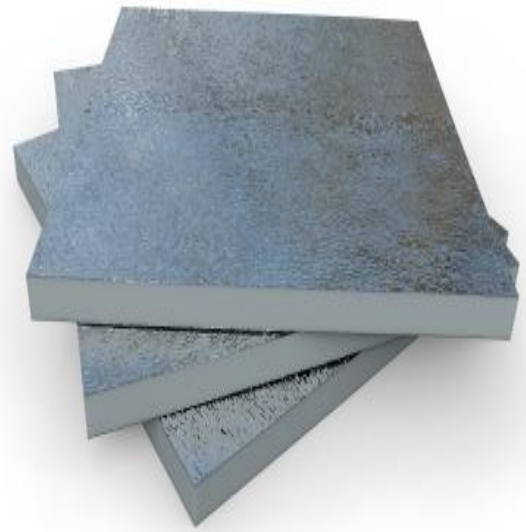
Applications:

flat roof insulation for use with torch-applied bituminous

Thermal Conductivity:

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

Bulk density :	32±2 kg/m ³
Compressive strength:	155KPa
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 NPD in accordance with EN 13501-1 and Chinese Class B2 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	80	90	100	120	140	160
R value	3.08	3.46	3.85	4.62	5.39	6.15
U value	0.32	0.28	0.26	0.21	0.18	0.16

Standard Diemensions:

Length : 2280mm Width : 1200mm

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