

SINSU INSULATION

For Our Earth For Our Future

Rotherm[®] FF 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 reflective and low emissivity multi-layer gastight aluminium complex foil.

Applications:

Partial fill cavity wall insulation and ventilation duct insulation

Thermal Conductivity:

0.018 w/(m.k) in accordance with EN 13165 and GB/T

Bulk density :	32±2 kg/m ³
Compressive strength :	110KPa
Closed cell structure :	95%
Air permeance :	0.001 L/s/m ²
Water vapor permeance :	0.5%
Water absorption :	1.07%

Fire and Flame Properties:

Flame Spread 24 in according with ASTM E84

Smoke Developed 20 in according with GB/T20284



R-value of Thermal Performance Calculation Sheet

Thickness	20	30	40	50
R value	1.05	1.58	2.10	2.63
U value	0.95	0.63	0.48	0.38

Standard Diemensions:

Length : 2280mm Width : 1200mm

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