

SINSU INSULATION

For Our Earth For Our Future

Rotherm[®] SF Panel

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

Insulation board with a rigid phenolic foam core, clad on one side with color coated steel sheet and a reflective low emissivity multi-layer gastight aluminum complex foil.

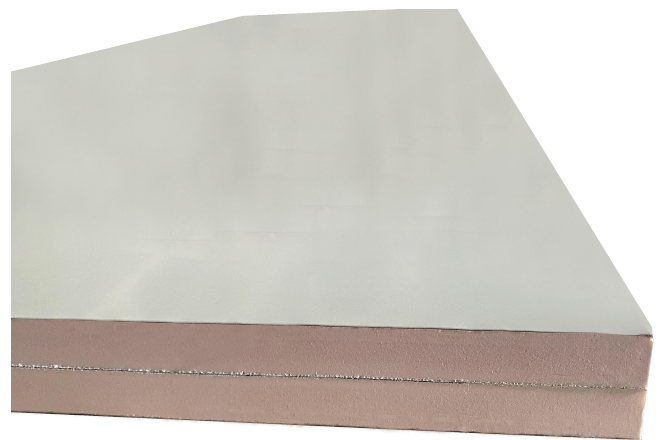
Applications:

For ventilation duct and interior decoration of buildings

Thermal Conductivity:

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

Bulk density :	32±2 kg/m ³
Compressive strength :	165KPa
Closed cell structure :	95%
Air permeance :	0.001 L/s/m ²
Water vapor permeance :	0.3%
Water absorption :	0.78%



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
R value	1.05	1.58	2.10	2.63
U value	0.95	0.63	0.48	0.38

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