IKO®

Enerfoil™ Sheathing

WALL INSULATION

Manufacturer's Insulation Fact Sheet

This is a rigid, foil-faced polyisocyanurate foam insulation.
For further information, please consult PDS 41803XX.

READ THIS BEFORE YOU BUY

What you should know about R-values.

The chart below shows the R-value of this insulation. R means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy.

There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend on the climate, the type and size of your house, the amount of insulation already in your house, your fuel use patterns and family size, proper installation of your insulation, and how tightly your home is sealed against air leaks. If you buy too much insulation, it will cost you more than what you'll save on fuel.

To get the marked R-value, it is essential that this insulation be installed properly.

Thermal Resistance

R-Value/RSI – Conditioned per ASTM C1289, Test Method ASTM C518[1,2]

Thickness (in.)	Btu/hr•ft² •˚F	m²•˚C/W
0.50	3.13	0.55
0.625	3.88	0.68
0.75	4.63	0.81
1.0	6.08	1.07
1.5	8.87	1.56
2.0	11.46	2.02
2.5	14.43	2.54
3.0	17.43	3.07
3.5	20.48	3.60
4.0	23.56	4.15

[1]When joints & penetrations detailed appropriately. [2]Stated thermal resistance values are based upon conditioning requirements and test methodology found in ASTM C1289 and ASTM C518 for foil-faced polyisocyanurate insulation. See also Material Safety Data Sheet – MSDS #1511 or MSDS #1911.

The information on this sheet is based on data considered to be true and accurate based on periodic internal testing and production measurements at time of manufacture. The information is offered solely for the user's consideration, investigation and verification. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer can be held legally responsible.

