

E'NRG'Y 2™
OEM Foam Insulation

OEM E'NRG'Y 2 is a rigid, closed cell polyisocyanurate foam board with a facing on both sides. The superior insulating properties of polyisocyanurate produces a high degree of insulating efficiency. This makes E'NRG'Y 2 an ideal insulation for factory-manufactured composite wall systems and other OEM applications requiring high thermal performance (where a 25/50 flame and smoke rating is not required). OEM E'NRG'Y 2 is light weight, making it easy to handle and install. It can be easily cut with a knife or saw.

Available Facers

Standard facer — AGF fiber glass mat

Other facers available on special request:

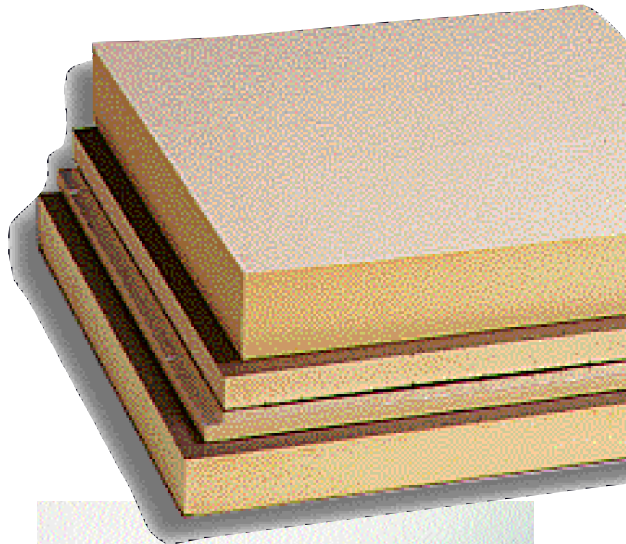
Trilaminate foil — one side has a printed, reflective foil and the other has a printed nonreflective foil facer. Unprinted foil is also available on special request.

Gray, fiber reinforced organic mat.

Thermal Values per ASTM C 518

Thickness		C-value	R-value
Inches	mm		
0.5*	13	.257	3.6
1.0	25	.166	6.0
1.5	38	.100	10.0
2.0	51	.069	14.3
2.5	64	.054	18.6
3.0	76	.045	22.0
4.0	102	.033	30.0

* Available with foil facers only.



Because of its light weight, thermal performance, and strength, E'NRG'Y 2 foam is used for structural walls in refrigerated rail cars.

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Standard Sizes

OEM E'NRG'Y 2 is available in standard sizes of 4' x 8' (1220 mm x 2440 mm) and 4'x 4' (1220 mm x 1200 mm).

Other lengths are available by special request.

Typical Physical Properties

Property	Test Method	Value
Compressive Strength	ASTM D 1621	20 psi*
Dimensional Stability	ASTM D 2126	2%, 7 days
Moisture Vapor Transmission	ASTM E 96	< 1%
Water Absorption	ASTM C 209	< 1% volume
Flame Spread	ASTM E 84	< 25
Smoke Developed	ASTM E 84	100 for 1" ** 200 for 2" **
Service Temperature	ASTM E 84	-100 °F to 250 °F (-73 °C to 122 °C)

* 25 psi available on special request.

** Foam core only

Tolerances

Thickness	±1/8"
Width	±1/4"
Length (up to 96")	±1/2"
(over 96")	±3/4"

For Information

Write Johns Manville Product Information Center,
P.O. Box 5108, Denver, Colorado 80217-5108, or call
toll-free 1-800-654-3103.

Limited Warranty

All Johns Manville products are sold subject to Johns Manville's Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy, write to:

Johns Manville Product Information Center
P.O. Box 5108
Denver, CO 80217-5108

or call toll free: 1-800-654-3103 or contact your local Johns Manville sales representative.



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The physical and chemical properties of Johns Manville E'NRG'Y 2 represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. Check with your Johns Manville representative to obtain current information.