



ICA-SHEATH



PREMIUM SHEATHING PRODUCT

ICA-SHEATH starts with an expanded polystyrene core, which meets the specifications of ASTM-C578. It is then laminated with printed or reflective polypropylene film facers on one or both sides. **ICA-SHEATH Plus** is also available, which includes an insect resistant additive.

➤ USES

With excellent dimensional stability and compressive strength, ICA-SHEATH is your best choice for numerous applications.

- Continuous Insulation
- Radiant Heated Floors
- Cold Storage & Freezers
- Exterior Sheathing
- And Much More!
- Cavity Walls
- Concrete Slabs
- Crawl Spaces
- Basement Walls

➤ ADVANTAGES

➤➤ PERFORMANCE

ICA-SHEATH's superior strength provides a high degree of protection, all the while enhancing the performance of your home's existing insulation. Economical and efficient when installed properly, ICA-SHEATH will help to conserve energy by allowing your heating and cooling systems to operate more effectively.

➤➤ EASE OF USE

ICA-SHEATH lays flat on the existing wall, providing an exceptionally smooth surface and can be ordered perforated for breathability.

➤➤ DURABILITY

ICA-SHEATH is lightweight yet extremely durable and easily installed with common hand tools.

➤➤ STABLE R-VALUE

The thermal properties of ICA-SHEATH will remain stable over its entire service life, so there is no loss of performance.



➤ SIZE & DENSITY

ICA-SHEATH is available in thicknesses ranging from 3/8" to 4" and can be ordered in densities ranging from 1 pcf up to 2.85 pcf. Common sizes are 4' x 8' and 2' x 8' and custom lengths are available.

➤ Sheathing Options:

- Single or double sided
- Clear poly film
- Clear printed film
- Silver poly film
- Perforated

➤ Available Densities (pcf):

- TYPE I: 1.0# Virgin or Recycled
- TYPE VIII: 1.25#
- TYPE II: 1.5#
- TYPE IX: 2.0#
- TYPE XIV: 2.5#
- TYPE XV: 2.85#

➤ Available Sizes:

- 3/8" - 4" thick
- 4' x 8' or 2' x 8' sheets
- Custom lengths available upon request



Extraordinary Product Solutions

Insulation Corporation of America

2571 Mitchell Avenue • Allentown, PA 18103

Phone: 610-791-4200 Fax: 610-791-9984 •

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EFFECTIVE R-VALUES OF ICA-SHEATH at 75°F including air space*

THICKNESS	DENSITY				
	TYPE I	TYPE II	TYPE IX	TYPE XIV	TYPE XV
	1.0 lb/ft ³	1.5 lbs/ft ³	2.0 lbs/ft ³	2.4 lbs/ft ³	2.85 lbs/ft ³
1/2"	4.8	5.0	5.2	5.3	5.3
1"	6.8	7.0	7.2	7.3	7.3
1-1/2"	8.8	9.0	9.2	9.3	9.3
2"	10.6	10.7	10.8	11.0	11.0
2-1/2"	12.6	12.8	13.0	13.2	13.2
3"	14.6	14.8	15.0	15.1	15.1
3-1/2"	16.6	16.5	16.8	16.8	16.8
4"	18.5	18.6	18.8	18.8	18.8

*With dead air space and reflective side towards the dead air space

"R" means resistance to heat flow. The higher the "R" Value, the greater the insulating power. To get the marked "R" Value, it is essential that this insulation be installed properly. The amount of insulation you need depends mainly on the climate where you live. Your savings will also be determined by several other factors including the type and size of your house, the amount of insulation in your house, your fuel use patterns, and the size and habits of your family. If you buy too much insulation, it may cost you more than your potential energy savings.

ICA-LITE® EPS meets or exceeds the requirements of **ASTM C578**, *Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation*.

Caution: This product is combustible and if exposed to a fire of sufficient heat and intensity may burn rapidly. It should not be left exposed or inadequately protected.



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