

# FOAM BOARD SHEATHING

Energy-efficient foamboard sheathing panels are designed as an alternative to conventional plywood and softboard sheathing systems. The higher the R-Value, the greater the insulating power.

	APPROXIMATE R-FACTOR (R-VALUE)	TONGUE & GROOVE	DENSITY (LBS. PER FT. <sup>3</sup> )	PANEL SIZES
R-3	Polystyrene 3/4" molded	Yes	1.0 to 1.5	2x8, 13½x4, 4x8, 4x9, 4x10, 4x12
R-4	Polystyrene 1" molded	Yes	1.0 to 1.5	2x8, 4x8, 4x9, 4x10, 4x12
R-4	Extruded Polystyrene	Yes	2.1	2x8, 4x8, 4x9
R-3.6	Polyurethane or Isocyanurates 1/2" with foil	No	2.0	2x8, 4x8, 4x9
R-5	Isocyanurates 1" extruded	Yes	2.1	2x8, 4x8, 4x9, 4x12
R-5	Polyurethane or Isocyanurates 5/8"	No	2.0	4x8, 4x9, 4x12
R-5.6	Polyurethane or Isocyanurates 3/4" with foil	No	2.0	4x8, 4x9, 4x10, 4x12
R-7	Polyurethane or Isocyanurates 7/8" with foil	No	2.0	4x8, 4x9, 4x10, 4x12
R-7.2	Polyurethane or Isocyanurates 1" with foil	No	2.0	4x8, 4x9, 4x10, 4x12

## Caulks & Sealants

	SILICONIZED ACRYLIC	SILICONE	BUTYL RUBBER	POLYSULFIDE	POLYURETHANE	LATEX	SILICONE LATEX	ACRYLIC LATEX
<b>FLEXIBILITY</b>	± 10% to 20%	± 25% to 50%	± 10%	± 25%	± 25%	± 5%	± 25%	± 10% to 20%
<b>ADHESION</b>	Good	Excellent	Good	Good, designed for immersion.	Excellent	Fair	Excellent	Good to porous surfaces, poor to nonporous ones.
<b>PAINTABILITY</b>	Excellent	Poor	Poor	Good	Good	Good	Good	Excellent
<b>YEARS SERVICE</b>	Indoors, 20; outdoors, 10 to 15 in low-stress situations.	Minimum 20	10	15 if protected from sun.	15 if painted or protected from sun.	5 to 10	15	Indoors, 20; outdoors, 10 to 15.
<b>CLEAN UP</b>	Water	Solvent	Solvent	Solvent	Solvent	Water	Water	Water
<b>SHRINKAGE</b>	20%	<2%	1% to 20%	<5%	<5%	10% to 20%	10%	Clear, 20%; pigmented, 10%
<b>UV RESISTANCE</b>	Good	Excellent	Good	Poor	Low; better if painted. White lasts longest in sun.	Fair	Excellent	Good
<b>BEST USE</b>	Interior, paintable surfaces.	Outdoors, bathrooms, kitchens.	Gutter joints and metal-to-masonry joints.	Outdoors, where there is moderate movement.	Joints subject to abrasion.	Low-movement interior joints.	General purpose, indoors/out.	Patching interior cracks, joints and small holes.