

PRODUCT	FACER TYPE	TYPE V EXTERIOR	COMMERCIAL WALL TYPE I-V EXTERIOR	TYPE I-V INTERIOR EXPOSED	INSULATED CONCRETE PANELS	ASTM C1289 TYPE, CLASS	FEATURES
<b>EnergyShield</b> <sup>®</sup> Continuous Wall Insulation	■	✓ Class B				Type I, Class 1	<ul style="list-style-type: none"> <li>Foil facer</li> <li>Integrated air, water, vapor barrier</li> <li>Residential and light commercial</li> <li>Renovation</li> <li>Attics and crawlspaces</li> </ul>
<b>EnergyShield</b> <sup>®</sup> CGF Continuous Wall Insulation	●	✓ Class B				Type II, Class 2	<ul style="list-style-type: none"> <li>Integrated air, water barrier</li> <li>Residential and light commercial</li> <li>Reversible</li> <li>Renovation</li> <li>Microbial resistant</li> <li>Attics and crawlspaces</li> </ul>
<b>EnergyShield</b> <sup>®</sup> Pro Continuous Wall Insulation	■		✓ NFPA 285 & Class A	✓ NFPA 286 & Class A		Type I, Class 1 Type I, Class 2	<ul style="list-style-type: none"> <li>Printed foil facer on one side, white on the other</li> <li>Integrated air, water, vapor barrier</li> <li>Enhanced fire resistance (NFPA 285 &amp; 286)</li> <li>Commercial interiors</li> <li>Commercial exteriors</li> <li>Reversible</li> <li>Basements</li> </ul>
<b>EnergyShield</b> <sup>®</sup> CGF Pro Continuous Wall Insulation	●		✓ NFPA 285 & Class A			Type II, Class 2	<ul style="list-style-type: none"> <li>Coated glass facer</li> <li>Integrated air, water barrier</li> <li>Enhanced fire resistance (NFPA 285)</li> <li>Commercial exteriors</li> <li>One side black for open joint rainscreen</li> <li>Microbial resistant</li> </ul>
<b>EnergyShield</b> <sup>®</sup> Ply Pro Continuous Wall Insulation	●		✓ NFPA 285 & Class A			Type V	<ul style="list-style-type: none"> <li>Coated glass facer laminated to FRT plywood</li> <li>Enhanced fire resistance (NFPA 285)</li> <li>Commercial exteriors (primarily metal panel)</li> <li>Microbial resistant</li> <li>Can be installed with or without exterior gypsum in countless NFPA 285 approved wall assemblies</li> </ul>
<b>EnergyShield</b> <sup>®</sup> PanelCast <sup>®</sup> Continuous Concrete Insulation	●				✓	Type II, Class 2	<ul style="list-style-type: none"> <li>R-value superior to XPS and EPS</li> <li>Durable coated glass facers</li> <li>Microbial resistant</li> <li>Precast concrete</li> <li>Architectural concrete sandwich panels</li> <li>Alkali resistant facers</li> <li>Higher performance finished product</li> </ul>
<b>Stucco-Shield</b> <sup>®</sup> Continuous Wall Insulation	●	✓ Class B				Type II, Class 2	<ul style="list-style-type: none"> <li>Designed for use in stucco assemblies</li> <li>Higher performance finished product</li> <li>Microbial resistant</li> <li>Coated glass facers</li> <li>4' x 8' boards reduce joints and labor</li> <li>Alkali resistant facers</li> <li>R-value superior to XPS and EPS</li> </ul>

This product information has been compiled for your convenience. Please check your local building codes for compliance.

## FOIL FACED POLYISO THERMAL DATA

R-VALUE <sup>1,2</sup>	3.3	5.0	6.5	9.8	10.5	13.1	16.0	19.7	21.7	26.0
NOMINAL BOARD THICKNESS <sup>3</sup>	0.5"	0.75"	1.0"	1.5"	1.6"	2.0"	2.5"	3.0"	3.5"	4.0"

## COATED GLASS FACED POLYISO THERMAL DATA

R-VALUE <sup>1,2</sup>	3.0	4.5	6.0	9.0	12.1	15.3	18.5	21.7	25.0
NOMINAL BOARD THICKNESS <sup>3</sup>	0.5"	0.75"	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"

<sup>1</sup> Conditioned thermal values were determined by ASTM Test Method C 518 at 75° mean temperature. Test specimens were conditioned in accordance with procedures outlined in ASTM C1289, Section 11.1.2.1

<sup>2</sup> "R" means resistance to heat flow. The higher the R-value, the greater the insulating power.

<sup>3</sup> Other sizes available upon request. Contact your local Atlas sales office.

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