



R2+ SILVER FOIL FACED POLYISO INSULATION MATERIAL CERTIFICATION

This is to certify that CCW R2+ SILVER FOIL FACED POLYISO INSULATION is a rigid foam insulation board designed for use in a commercial construction above-grade wall applications to provide continuous, high R-Value Insulation. The product is composed of a closed-cell polyisocyanurate foam core bonded on both sides to a composite foil “tri-laminate” facer. R2+ has been fire tested to NFPA 285 and passes this test through several wall assemblies. CCW provides R2+ Silver insulation, R2+ accessories, and CCW Air/Barrier Membranes for a complete wall weatherization system.

CCW R2+ SILVER FOIL FACED POLYISO INSULATION is manufactured to comply with the following ASTM typical property values and meets the following specification requirements:

CCW R2+ SILVER- Property	Test Method	Results – Grade 2	Results – Grade 2
Compressive Strength	ASTM D1621	20 psi	25 psi
Thermal Resistance (R-Value)	Tested at 75° F mean temp as per ASTM C 518 according to the requirements of ASTM C 1289	1” – 6.5 1.5” – 10.0 2” – 13.3 2.5” – 17.0 3” – 20.3 3.5” – 24.0 4” – 27.0 4.5” – 30.0	
Flame Spread Index, Core	ASTM E84	< 75	
Smoke Developed Index, Core	ASTM E84	< 450	
Water Vapor Permeance (1” Thick Board)	ASTM E96	<0.05 Perm	
Water Absorption	ASTM C209	< 0.05% volume	
Dimensional Stability	ASTM D2126	2% linear change (7 days)	
Mold Resistance	ASTM D3273	Passed (10)	
Edge	-	Square	
Service Temperature	-	-100° F to 250° F	

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