



R2+ MATTE COATED-GLASS-FACED POLYISO INSULATION MATERIAL CERTIFICATION

This is to certify that CCW R2+ MATTE GLASS-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 coated glass-matte facer. R2+ MATTE has been fire tested to NFPA 285 and passes this test through several wall assemblies. CCW provides R2+ MATTE insulation, R2+ accessories, and CCW Air/Barrier Membranes for a complete wall weatherization system.

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

CCW R2+ MATTE - Property	Test Method	Results - Grade 3
Compressive Strength	ASTM D1621	20 psi (Grade 2) 25 psi (Grade 3)
Thermal Resistance (R-Value)	Tested at 75° F mean temp as per ASTM C 518 according to the requirements of ASTM C 1289	1" – 6.0 1.5" – 9.0 2" – 12.1 2.5" – 15.3 3" – 18.5 3.5" – 21.7
Flame Spread Index, Core	ASTM E84	< 75
Smoke Developed Index, Core	ASTM E84	< 450
Air Permeance (1" and greater thickness product)	ASTM E2178	0.001 L/s*m ² @75 Pa [0.0002 CFM/ft ² @ 1.57 PSF]
Water Vapor Permeance (1" Thick Board)	ASTM E96	< 1 Perm (57.5 ng/(pa*S*m ²))
Water Absorption	ASTM C209	< 0.1% volume
Dimensional Stability	ASTM D2126	2% linear change (7 days)
Impact Resistance (Janka Ball Test)	ASTM D 1037	15
Mold Resistance	ASTM D3273	Passed (10)
Edge	-	Square
Service Temperature	-	-100° F to 250° F

Rev. February 2016