



R2+ BASE COMMERCIAL GRADE INSULATION NAIL BASE MATERIAL CERTIFICATION

This is to certify that CCW R2+ Base Commercial Grade Insulation Nail Base is an insulating nail base designed for use in commercial construction above-grade wall applications. The product consists of a coated-glass-faced rigid polyisocyanurate insulation board of various thicknesses factory-laminated to a 5/8" fire-treated plywood facer. R2+ BASE has been fire tested to NFPA 285 and passes this test through several wall assemblies. CCW provides R2+ BASE insulation, R2+ accessories, and CCW Air/Barrier Membranes for a complete wall weatherization system. CCW R2+ BASE COMMERCIAL GRADE INSULATION NAIL BASE is manufactured to comply with the following ASTM typical property values and meets the following specification requirements:

CCW R2+ BASE - Property	Test Method	Results -
Compressive Strength	ASTM D1621	20 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" – 6.6 1.5" – 9.6 2" – 12.7 2.5" – 15.9 3" – 19.1 3.5" – 22.3
Surface Burning, Polyiso Foam Core	ASTM E84/ UL 723	Flame Spread < 75, Smoke Generated < 450
Surface Burning, Fire-Treated Plywood	ASTM E84/ UL 723	Flame Spread < 25, Smoke Generated < 450
Water Vapor Permeance (1" Thick Board)	ASTM E96	< 1 Perm
Mold Resistance	ASTM D3273	Passed (10)
Water Absorption	ASTM C209	< 0.1% volume
Dimensional Stability	ASTM D2126	2% linear change (7 days)
Edge	-	Square
Service Temperature	-	-100° F to 250° F

* R2+ BASE is also available in 25 psi compressive strength.

Rev. February 2016