

CCW Fire Resist BARRITECH NP MATERIAL CERTIFICATION

This is to certify that Carlisle Coatings & Waterproofing CCW Fire Resist Barritech NP is a roller or spray applied synthetic rubber which cures to form a flexible, monolithic non-permeable air barrier membrane for use with concrete, masonry, insulation, steel, exterior sheathing, gypsum or wood wall construction and other substrates. CCW Fire Resist Barritech NP is Made in the USA.

Carlisle Coatings & Waterproofing manufactures CCW Fire Resist Barritech NP to comply with the following ASTM typical property values and meets the specification requirements:

Fire Resist Barritech NP - Property	Test Method	Typical Value
Color	--	Dark Blue
Application Temperature	--	Min 40°F
Volume % Solids	--	54%
Drying Time of 60 mil wet film at 73°F/50% RH	--	3 hr until tack-free 48 hr until fully dry
Coverage (Theoretical)	Percent solids calculation	20 to 23 SQ FT per GAL (70 to 80 wet mils)
Volatile Organic Content (VOC)	--	<10 g/L (.082 % wt)
Water Absorption – Cured Membrane	24-h immersion at room temp	No blanching or softening
Water Resistance of in-place membrane	Rilem Tube – 70 wet mils on CMU AND AATCC 127, Modified 70 wet mils on CMU and DensGlass	No Water leakage through membrane
Air leakage resistance in-place membrane	ASTM E1166 Bubble Gun - 70 wet mils on CMU with imbedded ties	No visible bubbling
Nail Sealability	ASTM D 1970	Pass
Water Vapor Permeance	ASTM E 96A ASTM E 96 B	0.05 perm 0.77 perm
Pull-Off Adhesion	ASTM D4541, modified 4" wood puck	>30 PSI on CMU and OSB >12 PSI on Gyp Sheathing (Facer Delamination from Gyp Core)
Surface Burning	ASTM E 84. Product applied 70 mils wet, full coverage over gypsum sheathing	Flame Spread Index 25, Smoke Generation Index 200
Elongation at Break	ASTM D 412	1,000%

Fire Resist Barritech NP - Property	Test Method	Typical Value
Air Permeance (40 mil free film)	ASTM E 2178	0.001 L/s*m ² @ 75 Pa
Air Permance (CMU)	ASTM E 2178	0.003 L/s*m ² @ 75 Pa
Air Barrier Assembly Test	ASTM E 2357	0.037 L/s*m ² @ 75 Pa
Low-Temp Flexibility	ASTM D 1970	No Cracking @ -20 ⁰ F
Flexibility after UV Aging	180 ⁰ bend over 1" mandrel	No cracking
Aging/Long-Term Flexibility	CGSB 71-GB-24M	No Cracking
Low-Temp Crack Bridging	ASTM C 1305	No Cracking
Wall Assembly Burn Test	NFPA 285	Pass – Various wall assemblies with up to 3" of Polyiso or XPS Insulation. Consult CCW NFPA 285 White Paper for Assembly Details.

Rev. October 1, 2013



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0022

Paric Corporation

PROJECT: Webster University Interdisciplinary Science Building

DATE: 04/22/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Product certificate From air barrier
manufacturer

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☐ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other:	☐ Separate Cover Via:	☒ Due Date: 03/28/2016

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		072726-005	1		04/22/2016	Product certificate From air barrier manufacturer	Open

NOTES:

CC:

Signed: _____
Devin Gates