

# ExoAir 110AT

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**CERTIFICATION LETTER**

Property	Test Method	Requirement	Result
Air Permeance	ASTM E 2178	≤ 0.02 L/sm <sup>2</sup>	0.001 L/sm <sup>2</sup>
Water Resistance	AATCC 127 (22" for 5 hours)	Pass	Pass
Tensile Strength	ASTM D 882	≤ 20.0 lbf/in	28 lbf/in
Peel or Stripping Strength	ASTM D 903		
Plywood		≤ 5.0 lbf/in	5.7 lbf/in
CMU		≤ 5.0 lbf/in	8.0 lbf/in
Exterior Sheathing		≤ 5.0 lbf/in	7.3 lbf/in
ExoAir 110AT		≤ 5.0 lbf/in	9.0 lbf/in
Lap Adhesion		≤ 5.0 lbf/in	6.9 lbf/in
Low Temperature Flex	ASTM D 1970	No Visible Cracking	Pass
Self Sealability	ASTM D 1970	No Water	Pass
Pull Adhesion	ASTM D 4541	≥ 16 psi	38.7 psi
Tear Initiation	ASTM 4073		
MD (Machine Direction)		≥ 9 lbf	24 lbf
CMD (Cross Machine Direction)		≥ 9 lbf	21 lbf
Crack Bridging	ASTM C 1305	Pass	Pass
Water Vapor Permeance	ASTM E96		
Procedure A		Declare	0.02 US Perms
Procedure B		Declare	0.04 US Perms
Water Penetration	ASTM E 331	No water Leakage	Pass
Air Leakage of Assembly	ASTM E 2357	0.20 L/sm <sup>2</sup> (75 Pa)	0.003 L/sm <sup>2</sup>
Fire Resistance of Assembly	NFPA 285	Pass	Pass
Puncture Resistance	ASTM G 154	≥ 40 lbf	52 lbf



January 22, 2019

To Whom It May Concern:

RE: ExoAir 110AT—Green Building Product Information (LEED v4 Information)

Tremco Incorporated is an organization that is committed to quality, our employees, and our environment. We are responsive to both internal and external customers, and we pledge to treat everyone with good stewardship and respect.

Tremco Incorporated certifies the following for ExoAir 110AT:

**Building Product Disclosure and Optimization:**

ExoAir 110AT is manufactured in Newburyport, Massachusetts.

No single extracted material is used to produce the majority of this product.

Recycled content for ExoAir 110AT is not available, and for the purposes of LEED reporting should be assumed to be zero.

**Low Emitting Materials - VOC Content Information:**

ExoAir 110AT is a air barrier with a VOC content of <1g/L equaling <1% as applied/mixed. As such, VOC levels are lower than the limits set by SCAQMD rule 1113.

This product is Greenguard certified, meaning it has met some of the world's most difficult and complete standards for low emissions of VOC's into indoor air.

**Green Chemistry:**

Tremco Incorporated is dedicated to the environment and prides itself on making its products as sustainable as possible. We are pleased to report that this product is produced without any Red List chemicals. As such, it can be used to assist in finishing projects aimed towards achieving a Living Building Challenge certification.

**Additional Information:**

Air barrier systems, when properly installed, have been shown to reduce energy costs for HVAC by as much as 40% versus buildings without fully-adhered air barriers.

Should you have any questions or require additional information, please do not hesitate to contact Technical Services or your local Tremco Field Representative.

Sincerely,

A handwritten signature in blue ink, appearing to read "Amy Woodard".

Amy Woodard  
Manager  
Compliance and Regulatory