

We certify that ExoAir 110AT has been tested against the following ASTM standards and does conform to the specification requirements.

Property	Test Method	Requirement	Result
Air Permeance	<u>ASTM E2178</u>	<u>$\leq 0.02 \text{ L/sm}^2$</u>	0.0001 L/sm ²
Water Resistance	<u>AATCC 127 (22" for 5 Hours)</u>	<u>Pass</u>	Pass
Tensile Strength	<u>ASTM D882</u>	<u>$\leq 20.0 \text{ lbf/in}$</u>	28 lbf/in
Peel or Stripping Strength	<u>ASTM D903</u>		
Plywood		<u>$\leq 5.0 \text{ lbf/in}$</u>	5.7 lbf/in
CMU		<u>$\leq 5.0 \text{ lbf/in}$</u>	8.0 lbf/in
Exterior Sheathing		<u>$\leq 5.0 \text{ lbf/in}$</u>	7.3 lbf/in
ExoAir 110AT		<u>$\leq 5.0 \text{ lbf/in}$</u>	9.0 lbf/in
Lap Adhesion		<u>$\leq 5.0 \text{ lbf/in}$</u>	6.9 lbf/in
Low Temperature Flex	<u>ASTM D1970</u>	<u>No Visible Cracking</u>	Pass
Self Sealability	<u>ASTM D1970</u>	<u>Pass</u>	Pass
Pull Adhesion	<u>ASTM D4541</u>	<u>$\geq 16 \text{ psi}$</u>	38.7 psi
Tear Adhesion	<u>ASTM 4073</u>		
MD (Machine Direction)		<u>$\geq 9 \text{ lbf}$</u>	24 lbf
CMD (Cross Machine Direction)		<u>$\geq 9 \text{ lbf}$</u>	21 lbf
Crack Bridging	<u>ASTM C1305</u>	<u>Pass</u>	Pass
Water Vapor Permeance	<u>ASTM E96</u>		
Procedure A		<u>Declare</u>	0.02 US Perms
Procedure B		<u>Declare</u>	0.04 US Perms
Water Penetration	<u>ASTM E331</u>	<u>No water leakage</u>	Pass
Air Leakage of Assembly	<u>ASTM E2357</u>	<u>$0.20 \text{ L/sm}^2 (75 \text{ Pa})$</u>	0.003 L/sm ²
Fire Resistance	<u>NFPA 285</u>	<u>Pass</u>	Pass
Puncture Resistance	<u>ASTM G154</u>	<u>$\geq 40 \text{ lbf}$</u>	52 lbf