

Date:  
Project:

Certification Number:  
Address:

To whom it may concern,

This is to certify the Securock® ExoAir® 430 Panel is used as part of a system of products which are compatible and can include Dymonic® 100, Spectrem® 1, ExoAir 230, Tremco® Epoxy Primer, ExoAir LEF, ExoAir Primer, Proglaze ETA Connections and Securock ExoAir Reinforcing Mesh. The Securock ExoAir 430 Panel meets or exceeds the following ASTM and other industry test standards:

### Panel Physical Properties

Membrane Adhesion to Panel, psi min.	ASTM C297	Pass
Flexural Strength Bearing edge perpendicular to board length, lbf. min. Bearing edge parallel to board length, lbf. min.	ASTM C473	147 100
Water Absorption, % max.		10
Nail-Pull Resistance, lbf. min.		90
Weight, psf nominal		2.9
Thermal Resistance, R (°F ft <sup>2</sup> h/BTU)	ASTM C518	0.50
Nail Sealability	ASTM D1970, Section 7.9	Pass
Mold Resistance	ASTM D3273	10
Peel Adhesion, lbf./in. pli ≥1	ASTM D3330	Pass
Membrane Adhesion to Panel, 16 psi min.	ASTM D4541	Pass
Water Vapor Permeance, perms Membrane, Wet Cup Composite, Wet Cup	ASTM E96	6.78 8
Air Permeance, 0.004 cfm/ft <sup>2</sup> @ 1.57 lb./ft <sup>2</sup> max.	ASTM E2178	Pass
Assembly Air Leakage, 0.04 cfm/ft <sup>2</sup> @ 1.57 lb./ft <sup>2</sup> max.	ASTM E2357	Pass
Assembly Water Penetration, 15 minutes @ 2.86 lb./ft <sup>2</sup>	ASTM E331	Pass
Bending Radius*, Dry		9'
Coefficient of Thermal Expansion, in./in./°F	ASTM E831	8.5x10 <sup>-6</sup>
Water Resistance, @22 in./5 hrs.	AATCC 127-08	Pass
R-Value R (h <sup>2</sup> ft <sup>2</sup> F/Btu		0.50
R-Value R (m <sup>2</sup> K/W)		0.088

\* Recommended fastener spacing is 6" o.c. when panels are bent.

### JOINT TREATMENT PHYSICAL PROPERTIES

Cyclic Movement Dymonic 100 Spectrem 1	ASTM C719	+/- 50% +100 / -50%
Crack Bridging Dymonic 100 Spectrem 1	ASTM C1305	Pass Pass
Elongation Dymonic 100 Spectrem 1	ASTM D412	800% Elongation; 350 PSI 1000% Elongation; 160 PSI

\* For joint movement capabilities, refer to ASTM C719

Test data is available upon request. Please feel free to contact the Technical Services group if you have any questions.

Regards,

Rep Name: