Date: Certification Number:
Project: 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, 16 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		2.6
Thermal Resistance, R (˚F ft^2·h/BTU)	ASTM C518	0.50
Nail Sealability	ASTM D1970, Section 8.9	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 Base Panel, Dry Cup Composite, Wet Cup	ASTM E96	 26 8
Air Permeance, 0.004 cfm/ft^2 @ 1.57 lb./ft^2 max.	ASTM E2178	0.0001 cfm/ft^2
Assembly Air Leakage, 0.04 cfm/ft^2 @ 1.57 lb./ft^2 max.	ASTM E2357	0.002 cfm/ft^2
Assembly Water Penetration, 15 minutes @ 2.86 lb./ft^2	ASTM E331	Pass
Bending Radius*, Dry		9'
Coefficient of Thermal Expansion, in./in./°F	ASTM E831	$8.5x10^{-6}$
Water Resistance, @22 in./5 hrs.	AATCC 127-08	Pass
R-Value R (h·°ft^2·F/Btu		0.50
R-Value R (m^2·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

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

Regards,

Rep Name:

USG Corporation 550 West Adams St., Chicago, IL 60661, **t** 312.436.4000

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