

ExoAir 110AT

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Air Barrier Selection Guide*

ExoAir® Membranes

Products		Class 1 Vapor Retarder/ Impermeable	Vapor Permeable	UV Resistant	High Temperature	Cold Temperature Application	NFPA 285	Primerless
Sheet Membrane	ExoAir 110	•						
	ExoAir 110AT	•		•	•	•	•	•
Fluid Membrane	ExoAir 120	•						•
	ExoAir 130	•		•	•		•	•
	ExoAir 220		•				•	•
	ExoAir 230		•	•	•		•	•
Accessories	ExoAir TWF	•						
Flashing of the Rough Opening	Dymonic 100		•	•	•		•	•
	ExoAir 110	•						
	ExoAir 110AT	•		•	•	•	•	•
	ExoAir 230 & Mesh		•	•	•		•	•

* The Air Barrier Selection Guide is to be used as a general reference. Please consult your local Tremco Manufacturer's Representative for regional recommendations based on your local building practices and warranty requirements.

Reference the current product data sheet on our website at www.tremcosealants.com for more specific product information.



AIR BARRIER SYSTEMS



AIR BARRIER SYSTEMS DESIGNED TO PERFORM



ExoAir® 110AT



ExoAir® 130

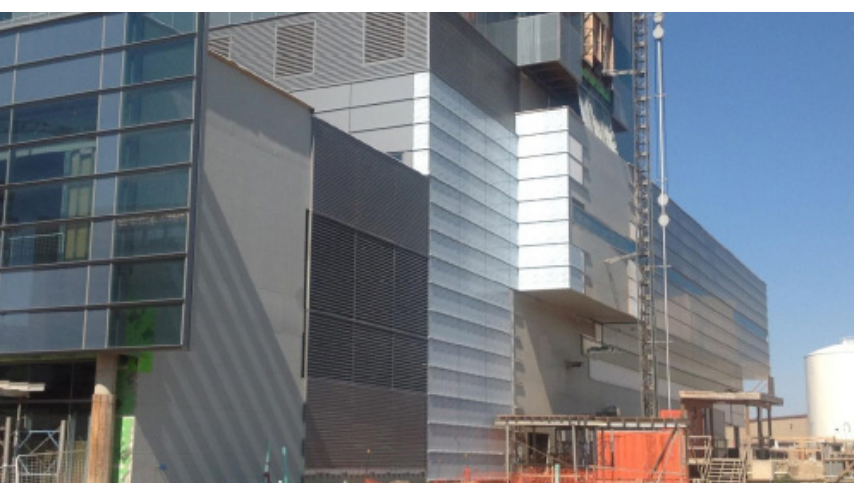
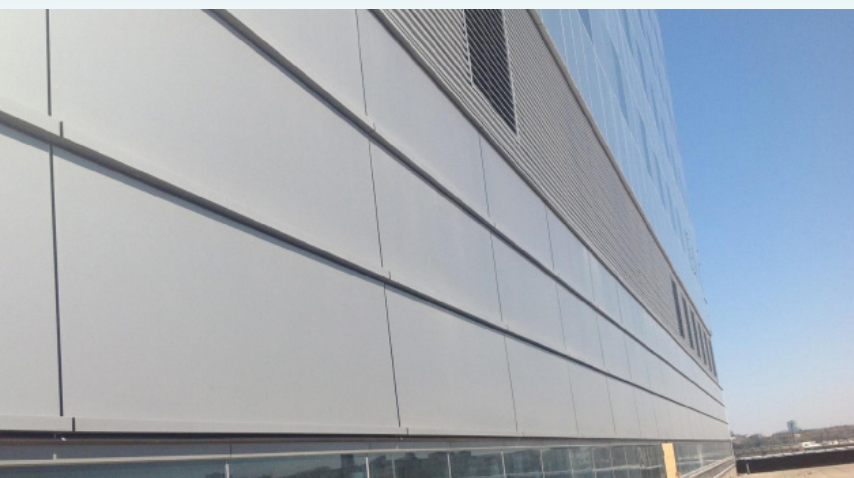


ExoAir® 230



Securock® ExoAir® 430

TREMCO
Commercial Sealants & Waterproofing



Bridging the Gap in Health Construction

Project: Parkland Hospital
Dallas, Texas

Products Used:

- ExoAir® 230 Fluid-Applied Vapor-Permeable UV-Resistant Air Barrier Membrane
- ExoAir® TWF Thru-Wall Flashing
- Proglaze® ETA Engineered Transition Assembly
- Proglaze® II Structural Silicone Sealant
- Proglaze® SSG Structural Silicone Glazing Sealant
- Tremco® Gaskets
- Spectrem® 1 Silicone Sealant
- Spectrem® 2 Silicone Sealant
- Spectrem® 3 Silicone Sealant
- Tremflex® 834
- TREMproof® 250GC Cold Fluid-Applied Elastomeric Waterproofing Membrane
- Tremco Drainage and Protection Course

Tremco CS&W providing proven products for the entire enclosure.

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Air Barrier Systems

Continuity. Compatibility. Long-Term Performance.

Your partner for proven, documented air barrier solutions, protecting the critical connections and transitions on your projects. Our ExoAir® Air Barrier Systems offer comprehensive vapor-retarding and vapor-permeable systems that include self-adhered membranes, fluids, sealants and transition assemblies, backed by a performance warranty ensuring protection against air and moisture.

Field-Applied Membranes

Asphaltic and synthetic membranes providing monolithic, elastomeric membranes designed to be sprayed or rolled.



Factory-Applied Fluid Membranes

Innovatively bringing two proven technologies together into one panel that controls air and water while remaining permeable to the passage of water vapor and speeding up the construction cycle.



Self-Adhered Membranes

Butyl and rubberized asphalt membranes providing composites of adhesive and facer that are designed to be used as a membrane or an accessory of the air.



Accessories

Variety of products for detailing of the membranes and to provide tie-ins for transitions and connectivity of the building components.



Product Offering

Air barriers are only effective when designed as a holistic, continuous system. Tremco offers comprehensive air barrier systems formulated for compatibility, including engineered transitions to ensure continuity at critical terminations and connections.

Fluid Applied Air Barrier Membranes

✓ ExoAir® 120

✓ ExoAir® 220

✓ ExoAir® 130

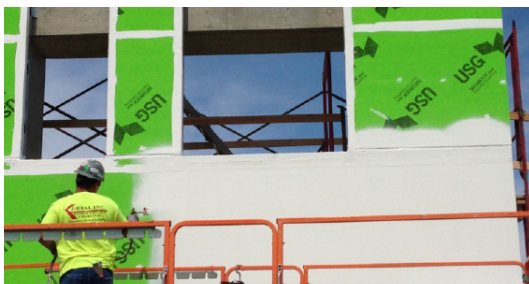
✓ ExoAir® 230

ExoAir 120

A monolithic, elastomeric asphalt emulsion membrane designed to seal exterior above-grade wall assemblies and mitigate air infiltration/exfiltration, vapor transmission and water penetration.

ExoAir 130

A monolithic, elastomeric membrane designed to be rolled or sprayed onto exterior above-grade wall assemblies to mitigate air infiltration/exfiltration, vapor transmission and water penetration.



ExoAir 220

A monolithic, elastomeric asphalt emulsion membrane designed to be rolled or sprayed onto exterior above-grade wall assemblies to mitigate air infiltration/exfiltration and water penetration while remaining permeable to the passage of water vapor.

ExoAir 230

A monolithic, elastomeric membrane designed to be rolled or sprayed onto exterior above-grade wall assemblies to mitigate air infiltration/exfiltration and water penetration while remaining permeable to the passage of water vapor.



Factory-Applied Fluid Membranes

✔ Securock® ExoAir® 430

A monolithic, elastomeric fluid membrane spray-applied at a thickness of 20 mils on gypsum glass-mat sheathing in a controlled factory setting. The panel is designed for use under a variety of exterior claddings, including open joint rain screens, rather than a separate gypsum sheathing panel and field-applied air barrier. When used with approved detailing accessories, this system provides membrane-to-sealant connectivity of 80 mils.



Self-Adhered Air Barrier Membranes

✔ ExoAir® 110

✔ ExoAir® 110AT



ExoAir 110

A composite 40-mil sheet comprised of 36 mils of rubberized asphalt and 4 mils of high-density polyethylene facer designed for use as the membrane on exterior above-grade wall assemblies to mitigate air infiltration/exfiltration, vapor transmission and water penetration or as an accessory in an air barrier system.

ExoAir 110AT

A composite 22-mil sheet comprised of 16 mils of butyl adhesive and 6 mils of high-density polypropylene facer designed for use as the membrane on exterior above-grade wall assemblies to mitigate air infiltration/exfiltration, vapor transmission and water penetration or as a component of an air barrier system.

Air Barrier Accessories

✔ Dymonic® 100

✔ ExoAir® Primer

✔ ExoAir® TWF (Thru-Wall Flashing)

Dymonic 100

A high-performance, medium-modulus, low-VOC, UV-stable, non-sag polyurethane sealant that is used for detailing prior to air barrier membrane installation and as fluid applied flashing.

ExoAir TWF (Thru-Wall Flashing)

A 40-mil (1.0 mm) composite sheet comprised of 32 mils of rubberized asphalt and 8 mils of high-density polypropylene designed for use as a thru-wall flashing.

ExoAir Primer

A VOC-compliant adhesive primer formulated for use with self-adhered membranes.

Transitions

Please refer to the literature for Proglaze® ETA Assemblies and the ExoAir T3 solutions for more information on available engineered transitions for continuity.



The Right Solution for Every Project

Whether a project dictates fluid or self-adhered membranes, Tremco has a complete air barrier product portfolio to meet any specification or demanding job site environment. Focused on documented system performance, the ExoAir® air barrier line is evaluated beyond industry-recognized standards and validated through third-party assembly testing and connectivity to other building elements to ensure building efficiency and performance.

ExoAir® Product Line	Fluid Membranes				Fluid Factory Membranes	Self-Adhered Membrane	
	ExoAir® 120	ExoAir® 130	ExoAir® 220	ExoAir® 230	Securock® ExoAir® 430	ExoAir® 110	ExoAir® 110AT
Permeable			✓	✓	✓		
Impermeable	✓	✓				✓	✓
Cold Installation Can be applied at temperature 20°F (-7° C) and rising	ExoAir 120 and 230 can be co-sprayed				✓		✓
High Temperature Resistance Approved for installed temperatures up to 240° F (116° C)		✓		✓	✓		✓
NFPA 285 Part of fire resistive assembly		✓	✓	✓	✓		✓
UV Resistant Number of days approved to be left exposed during the construction process.	30 days	12 months	6 months	12 months	12 months	30 days	12 months
Open Joint Rainscreen Applications		✓		✓	✓		✓

