



AIR BARRIER SYSTEMS

Vapor-Permeable and Impermeable Solutions Designed for Maximum Performance





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 provides proven products for the entire enclosure.

ExoAir® 110AT



ExoAir® 130



ExoAir® 230/230 LT



Securock® ExoAir® 430



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

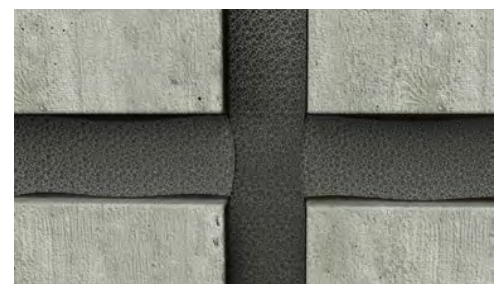
Innovatively bringing two proven technologies together into one panel that controls air and water while remaining permeable to the passage of water vapor and helping to speed up the construction cycle.

Self-Adhered Membranes

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

Accessories

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



PRODUCT OFFERING

Fluid-Applied Air Barrier Membranes

✔ ExoAir 120 ✔ ExoAir 220 ✔ ExoAir 130 ✔ ExoAir 230/230LT ✔ ExoAir 2000

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. speeding up the construction cycle.

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 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 230/230 LT

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. exfiltration and water penetration while remaining permeable to the passage of water vapor.

ExoAir 2000

A monolithic, flexible 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 110AT

✔ ExoAir 210AT

✔ ExoAir 110 (accessory)

ExoAir 110AT

A composite 18-mil sheet comprised of 12 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.

ExoAir 210AT

A composite 21 mil sheet comprised of 19.5 mils of high-performance acrylic adhesive and 1.5 mils of non-woven facer designed for use as the membrane on exterior above-grade wall assemblies to mitigate air infiltration/exfiltration and water penetration while remaining permeable to the passage of water vapor.

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 an accessory in an air barrier system. ExoAir 110 is available in 6", 9", and 12" flashing sizes.

Accessories

✔ Dymonic® 100

✔ Transitions

✔ ExoAir Primer

✔ ExoAir DualFlash

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 Primer

A VOC-compliant adhesive primer 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.

ExoAir DualFlash

Gun- and roller-grade liquid applied flashing membrane for rough openings or transitions.



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.

FEATURE	FLUID MEMBRANES					FLUID FACTORY MEMBRANES	SELF-ADHERED MEMBRANES	
	ExoAir 120	ExoAir 130	ExoAir 220	ExoAir 230/LT	ExoAir 2000	Securock ExoAir 430	ExoAir 110AT	ExoAir 210AT
Permeable			✓	✓	✓	✓		✓
Impermeable	✓	✓					✓	
Cold Installation Can be applied at temperature 20° F (-7 ° C) and rising	ExoAir 120 can be co-sprayed. 230LT is low temperature grade.						✓	✓
High Temperature Resistance Approved for installed temperatures up to 240° F (116° C)		✓		✓		✓	✓	✓
NFPA 285 Number of days approved to be left exposed during the construction process.		✓	✓	✓	✓	✓	✓	✓
UV Resistant	30 days	12 months	6 months	12 months	6 months	12 months	12 months	6 months
Open Joint Rainscreen Applications		✓		✓		✓	✓	

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