

EXOAIR® 230

Next generation of high-performance air barrier membranes

Product Overview

Trapped moisture vapor can cause condensation to occur within the wall cavity leading to structural deterioration and shortened structure life. When used on an exterior above-grade wall assembly, Tremco® ExoAir® 230 Fluid-Applied Synthetic Permeable Air Barrier Membrane mitigates air infiltration/exfiltration and water penetration while remaining permeable to the passage of water vapor. ExoAir 230 is UL Certified for NFPA 285, providing ease of specification and confidence that exterior wall systems are code compliant for fire propagation characteristics as well as air and water resistance.



Features & Benefits

- **High-Temperature Resistant** - Specially formulated for high temperature resistance allowing product stability at intermittent temperatures up to 240 °F (116 °C), permitting use of the product during projects where high temperature exposures are a concern.
- **NFPA 285 Compliant** - Independent UL Certification for NFPA 285 provides peace of mind and simplifies the process for architects, consultants and specifiers when determining International Building Code (IBC) compliance for fire propagation characteristics.
- **Vapor Permeable** - Formulated to retard the migration of air and bulk water while permitting water vapor to pass through resulting in greater flexibility of the air barrier membrane placement within the wall design.
- **Primerless** - Primerless installation and adhesion accelerates construction schedules.
- **UV Resistant** - Contains a UV resistant formulation that grants the flexibility to install rainscreen systems with open joints or allows extended membrane exposure during the construction process.
- **Accelerated Installation** - The ability to roller or spray apply the material accelerates installation times when compared to traditional self-adhered membrane systems.
- **Custom Colors** - Custom coloring is available to meet all design specifications.



Basic Uses

ExoAir 230 is typically applied to exterior sheathing panels, concrete block, poured concrete or wood substrates as an air and vapor barrier material. The membrane is designed to be installed when both the air and surface temperature are 40 °F (5 °C) and rising and can be exposed to intermittent temperatures up to 240 °F (115 °C). ExoAir 230 can be used with ExoAir 110, ExoAir 110AT or Dymonic® 100 as a liquid applied flashing to detail into the rough opening.

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.

Visit www.tremcosealants.com to learn more.



- ✓ Vapor Permeable
- ✓ UV Resistant
- ✓ High Temperature
- ✓ NFPA 285
- ✓ Primerless

PROPERTY	TEST METHOD	TYPICAL VALUES
Hydrostatic Head	AATCC-127	Pass (5 hours)
Crack Bridging	ASTM C1305	Pass
Nail Sealability	ASTM D1970 – Section 7.9	Pass
Adhesion	ASTM D4541	Concrete: 38 psi Exterior Sheathing: 20 psi
Water Vapor Permeance	ASTM E96 Dry Cup ASTM E96 Wet Cup	1.44 US Perms 11.71 US Perms
Water Penetration	ASTM E331	Passed at 15 lb/ft2 (718 Pa) Passed at 6.27 lb/ft2 (300 Pa) for 2 hours
Air Leakage of Material	ASTM E2178; Free Film Method @ 75 Pa ASTM E2178; Free Film Method @ 300 Pa	ASTM E2178; Free Film Method @ 300 Pa 0.00435 cfm/ft2 (0.02211 L/(s•m2))
Fire Resistance of Assembly	NFPA 285	Pass
Flame Spread	ASTM E84	10
Smoke Development	ASTM E84	25

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