

Product Description

ExoAir® Duo Membrane is comprised of a tear-resistant fabric embedded into a polyethylene copolymer. The unique design provides a reactive membrane that changes its water vapor permeability depending on temperature and relative humidity. This allows the product to perform as an intelligent seal for airtight and weathertight internal and/or external joints.

Basic Uses

The ExoAir Duo Membrane is primarily used to seal window and door perimeter joints in both commercial and residential applications. ExoAir Duo Membrane can be installed onto vinyl, HDPE, wood, plywood, OSB, concrete, aluminum and other typical construction substrates.

Features and Benefits

- ExoAir Duo Membrane with butyl adhesive strip easily bonds to a wide variety of construction materials including self-adhered membranes such as Tremco ExoAir 110/110LT and ExoAir TWF.
- The pleat incorporated into this design allows for joint movement and continuous installation around corners.
- ExoAir Duo Membrane without the butyl can be used in combination with a Tremco Approved Sealant for easy installation.
- ExoAir Duo Membrane with mesh can be embedded into ExoAir 230, plaster or stucco.
- A wide range of Duo membranes are available to suit a variety of construction conditions.
- ExoAir Duo Membrane can be easily integrated onto the window or door perimeter by pre-applying in plant or installing on site, allowing for fast and clean installation.
- It offers a high-performance weather protection with a patented ability to allow for vapor diffusion.
- ExoAir Duo Membrane with two butyl adhesive strips on the same side provides the installer versatility by allowing the use of the adhesive on either side of the membrane.

Availability

ExoAir Duo is available for purchase from your authorized Tremco distributor.

Colors

Gray

Limitations

- Must be protected from UV within 90 days of application.

Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

Packaging

Part #	Product	Width	Roll Length	Rolls/Box
7359106 522	Membrane w/ mesh	2.76" (70 mm)	164' (50 m)	2
7359104 522	Membrane w/ butyl	3.15" (80 mm)	164' (50 m)	4
7359377 522	Membrane w/ butyl	8" (200 mm)	164' (50 m)	2
7359101 522	Membrane w/o butyl	3.15" (80 mm)	164' (50 m)	4
7359314 522	Membrane w/o butyl	5.5" (140 mm)	164' (50 m)	2
5840105 522	Membrane 2x butyl	8" (200 mm)	164' (50 m)	2
5840104 522	Membrane 2x butyl	12" (300 mm)	164' (50 m)	1

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Color		Gray
Shelf Life		12 months
Fire Testing	ASTM E84	Flame Spread: 5
Smoke Development		55
Water Vapor Permeability	ASTM E96	1.036 perms at 70° F (21° C), 50% RH
Adhesion of butyl to ExoAir 110		35 lb/ft (52 kg/m)
Adhesion of self-adhesive to ExoAir 110		50 lb/ft (74 kg/m)
Service Temperature Range		-40 to 212° F (-40 to 100° C)
Application Temperature		41 to 113° F (5 to 45° C)
Storage Temperature		33 to 68° F (1 to 20° C)
UV Resistance		90 days
Resistance to Driving Rain up to 600 Pa	EN 1027	Complies with requirements

0418/EXOAIRDUODS-GL



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