

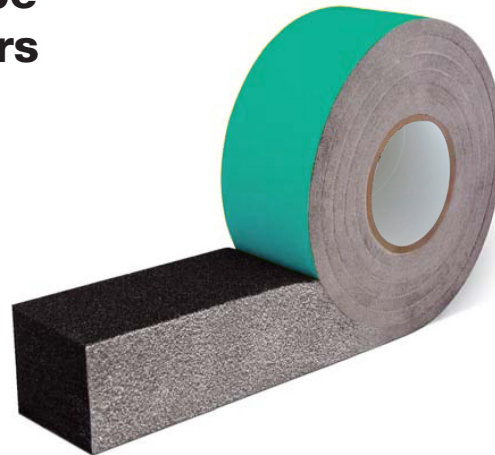


ExoAir® Trio

Impregnated Compressed Tape for Sealing Windows and Doors

Product Description

ExoAir® Trio is open-cell flexible polyurethane foam impregnated with synthetic resin. When installed, ExoAir Trio has been developed to expand into the rough opening to create a seal that is airtight, thermally efficient and vapor permeable. ExoAir Trio is part of the innovative Tremco T3 High-Performance Enclosure Solutions. It serves as a 3-in-1 solution for outer, middle and inner sealing of windows, making it ideal for rough openings in stud walls.



Basic Uses

Typical applications for ExoAir Trio include openings around doors and windows that need to bridge the thermal efficiency of the wall to the window with a thermal, airtight, vapor-permeable seal. ExoAir Trio can be installed onto vinyl, wood, concrete, aluminum and a variety of other construction materials.

Features and Benefits

- Installed onto green and damp substrates
- Installed in any weather conditions
- Paintable
- Is an airtight, thermal, vapor-permeable weather seal in one product.
- UV stable when installed within opening range.

Colors

Light Gray

INSTALLATION

Gap Dimensions

The opening width must be in the design tolerance of the product rough opening range. When opening width is wider than design tolerance, install larger product or double up product.

Surface Preparations

Rough opening surfaces must be sound to allow for proper compression. Remove all grease and dirt with a cloth from the window and door frame to allow for ExoAir Trio to be temporarily adhered during install.

Rough Opening Design

ExoAir Trio may be used in the rough opening of a door or window as long as the opening allows for compression. The opening width must be in the design tolerance of the product rough opening range.

Application

- Application instructions available for all T3 solutions at www.tremcosealants.com.

Airtight Seal

Airtight seal @ 75° F (23°C) will occur within two hours.

Limitations

- Must always be installed into rough openings that allow for continuous compression.
- Do not install into rough opening beyond design tolerance.



T3 is a solution approach to seal out weather around window and doors while sealing in comfort and energy savings. ExoAir Trio is a product used as an internal airtight seal and/or external weathertight but breathable seal in the T3 solutions.



Outer seal

Provides a weather protection level while allowing for vapor diffusion.



Middle layer

Provides a thermal layer by filling the gap between the window frame and the wall.



Inner seal

Provides an airtight separation for the inside environment, serving as a vapor retarder to ensure occupant comfort.

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 of the quantity of Tremco product 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.

Packaging/Dimension Table

Product	Width	Opening Range	Roll Length	Roll/Box	Boxes/Pallet
Trio	2 19/32" (66mm)	6/32"-12/32" (5-10mm)	29.5' (9m)	3	48
Trio	2 19/32" (66mm)	9/32"-19/32" (7-15mm)	19.7' (6m)	3	48
Trio	3 30/32" (100mm)	6/32"-12/32" (5-10mm)	29.5' (9m)	4	36
Trio	3 30/32" (100mm)	9/32"-19/32" (7-15mm)	19.7' (6m)	4	36

TYPICAL PHYSICAL PROPERTIES

Test Standards	DIN	Results
Flammability class	4102	B2, (normal flammability)
Thermal conductivity	52612	=0.048 W/ft * K
Overall heat transfer R Value		
thickness 2 19/32" (66mm)		min. R Value 8.9
thickness 3 30/32" (100mm)		min. R Value 13.1
Coefficient of diffusional resistance EN 150	12572	$\mu < 100$
Water vapor permeability		Tighter inside
Joint air permeability EN	1026	$a < 0.1 \text{ cu.m/[h.m./daPa)n]}$
Driving rain resistance EN	1027	600 Pa
Thermal resistance		22° F -176° F (-30C – 80C)
Application temperature		No restriction
Shelf Life		12 months
	ASTM	
Wind load cycling	E283 before E2357	0.0014 cfm/ft ² @ 75 Pa
Wind load cycling	E283 after E2357	0.0017 cfm/ft ² @75 Pa
Flame Spread	E84	10
Smoke Develop Index	E84	110



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