



FOAMULAR® NGX® ADHESIVE COMPATIBILITY

Why Use Adhesives

FOAMULAR® NGX® XPS insulation is a lightweight, rigid foam insulation board that is used in a variety of applications, which may be installed loose-laid, by compression fit, by mechanical fastener, or using compatible adhesives. The applications include but are not limited to foundation walls, exterior cavity walls, and roofs.

Please see Owens Corning® FOAMULAR® NGX® Installation Instructions for more information:

[FOAMULAR® NGX® Commercial Walls Installation Instructions](#)

[FOAMULAR® NGX® Commercial Roofs Installation Instructions](#)

[FOAMULAR® NGX® Commercial Foundations Installation Instructions](#)

Types of Adhesives Used with FOAMULAR® NGX®

There are typically three types of adhesives that can be used with FOAMULAR® NGX® XPS insulation. Selection will depend on the application and may also depend on preference.



Tube

This adhesive is available in a variety of tubes or sausages and applied using a caulk or sausage gun.



Spray

This adhesive is available in canisters and applied using a spray gun or wand. The adhesive is aerosolized and used mostly for larger, smooth-surface applications.



Foam

This low-expansion one- or two-part foam adhesive is also available in canisters and applied using a gun to control the application. When installing XPS on this product, it is recommended to press the FOAMULAR® NGX® XPS into the foam, then pull away followed by again pressing the FOAMULAR® NGX® XPS back into place.

While Owens Corning **does not approve or recommend any specific adhesives**, the below adhesives exhibited no visual appearance change in surface, cross-sectional, and glued cross-section on June 15, 2024 when tested by Owens Corning Science & Technology.

Adhesion was not tested, and it is recommended to contact the adhesive manufacturer for minimum expected adhesion.

TUBE	SPRAY ¹	FOAM
DAP Dynagrip ²	3M 74, 78, 90	DuPont™ Great Stuff™
GluDown® WeatherGrip ²	Elmer's® Spray	Owens Corning® ProPink ComfortSeal™ Gun Foam Sealant
Gorilla Heavy Duty ²	GluDown®	
Liquid Nails Extreme ²	Gorilla Spray	
Loctite PL300, ² Premium ²	STA'-PUT®	
OSI® QB300 ²		

¹ Using too much spray adhesive has negative results. Follow the manufacturer's application instructions closely.

² It is known that exposure to heat and solar energy may increase reaction to incompatible adhesives. Owens Corning S&T exposed these indicated adhesives to a light table for 20 minutes at 170–180°F after application to the FOAMULAR® NGX® and determined the following did not exhibit visual appearance of incompatibility.

For more information regarding adhesive recommendations and testing conducted by Owens Corning S&T, refer to the ["Enclosure Solutions ES-09A FOAMULAR® NGX® Adhesive Compatibility Technical Bulletin."](#)

OWENS CORNING FOAM INSULATION, LLC

ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA

1-800-GET-PINK®
www.owenscorning.com