

TPO Bonding Adhesive Compatibility Matrix

	Membrane Adhesive Compatibility				Coverage Rates		Minimum Installation Temperature	Shelf Life ²	Packaging
	Kingspan TPO	Kingspan TPO FB	LVOC Formulation	Approved for use as a TPO Primer	Horizontal Application	Vertical Application			
Kingspan LVOC Sprayable Bonding Adhesive ¹	X	X	X	X*	Up to 1,000 sq. ft. per canister, double-sided application.**	Up to 750 sq. ft. per canister, double-sided application.**	25°F	12 months	Sprayable Canister Adhesive. Spray applicator, hoses, & tips sold separately.
Kingspan TPO Membrane Bonding Adhesive	X				50 - 90 sq. ft. per gallon, double-sided application.		25°F	12 months	5-Gallon pail
Kingspan TPO LVOC Membrane Bonding Adhesive	X		X		50 - 90 sq. ft. per gallon, double-sided application.		25°F	12 months	5-Gallon pail
Kingspan TPO Water Based Membrane Bonding Adhesive	X	X	X		Up to 220 sq. ft. per gallon, single-sided application.**	Up to 140 sq. ft. per gallon, double-sided application.**	40°F	12 months	5-Gallon pail
Kingspan Low-Rise Foam Adhesive		X	X		Up to 250 sq. ft. per gallon set applied 12" o.c.	Consult KRW's Technical Team for guidance.	25°F	18 months	Available in 1500mL cartridge, 5-Gallon Bag-in-Box, 15-Gallon keg, and 50-Gallon drum.
Kingspan Low-Rise Foam Adhesive Canister		X	X		Up to 3,500 sq. ft. per gallon set applied 12" o.c.		40°F	16 months	Canister Adhesives. Spray applicator, hoses, and tips included.

All adhesives are approved for use over Kingspan ISO GF and ISO CG polyiso insulations as well as Kingspan ISO HD CG cover board. They're also approved for application over DensDeck, SECUROCK, and DEXcell cover boards.

¹ Compliant with California's South Coast Air Quality Management District (SCAQMD) requirements.

² The defined shelf life is from the date of manufacture and can be expected when stored in its original packaging and in a temperature-controlled environment between 60°F and 80°F.

*Approved for use as a primer to the receiving substrate prior to TPO - SA installation. Also, approved for use as a primer for Vapor Barrier SAR to approved substrates.

**Coverage rates vary by membrane type, smoothback or fleeceback.