



Helix[®] Max

Low-Rise Foam Adhesive



Product Description

Helix[®] Max Low-Rise Adhesive is a low-rise, VOC-free, construction-grade, two-component polyurethane adhesive designed to bond Mule-Hide insulations and Fleece Back (TPO, PVC or PVC KEE) membranes to a variety of substrates.

Features & Benefits

- Greater elongation and tensile strength
- Able to be applied in colder temperatures
- Provides fleeceback roofing systems applied with full spray application better hail resistance
- The addition of 5-gallon jugs provides the best packaging option available for use with low-pressure equipment
- Design solutions for high uplift requirements
- Provides a non-penetrating attachment method
- Provides a non-thermal bridging option for roof attachment
- Low VOC reduces odors during application

Substrate Compatibility

Insulation/Underlayments	Roof Decks	Existing Roofing Materials
Poly ISO 1 & 2	Concrete	Smooth BUR w/exceptions
StructoDek High Density	Cellular Lt.Wt. Concrete w/exceptions	Gravel BUR w/exceptions
Expanded Polystyrene (EPS) w/exceptions	NVS Lt.Wt. Concrete w/exceptions	Mineral Cap Sheet
Expanded Polystyrene (XPS) w/exceptions	Gypsum	Granular Modified Bitumen
DensDeck	Cementitious Wood Fiber	Smooth Modified Bitumen
Securock	Plywood/OSB	Coal Tar Pitch w/exceptions
Oriented Strand Board	Painted Steel	Aged EPDM, Hypalon, TPO w/exceptions
Poly ISO 1 HD	Galvanized Steel w/exceptions	Unexposed (Shiny) Asphalt w/exceptions
	Acoustical Steel w/exceptions	
	Wood Plank	

Used as a component within these systems:



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Coverage Rates (sq. ft./set)			
Bead Spacing	4" O.C.	6" O.C.	12" O.C.
Dual Cartridge Carton	100-200	200-300	400-500
HFO Dual Tanks	1,100-1,300	1,700-1,900	3,500-3,700
5-Gallon Jug	670-900	1,000-1,250	1,750-2,500
15-Gallon Drum	2,110-2,700	3,000-4,500	6,000-7,500
50-Gallon Drum	6,700-9,000	10,000-15,000	20,000-25,000

Frequently Asked Questions

1. Will Mule-Hide Products provide the same rated systems with Helix Max that it had with Helix?

Mule-Hide will have more extensive listings of assemblies with UL and FM.

2. How cold can it be when using Helix Max?

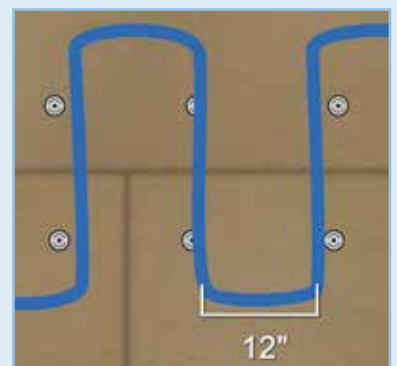
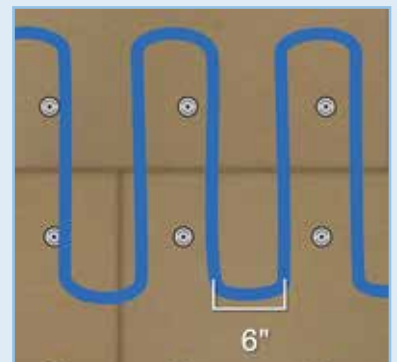
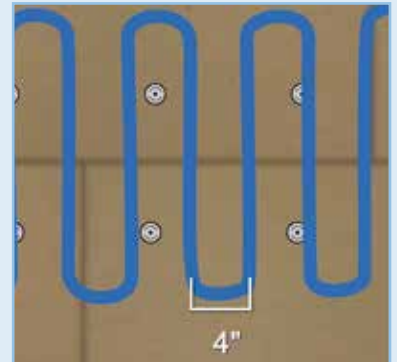
The substrate and ambient temperature must be above 25°F. If temperatures are below 50°F, the adhesive must be kept above 70°F during application. Heated tank blankets (not band heaters) are recommended to keep the adhesive warm during application at 50°F or lower.

3. Are full spray and splatter pattern available with Helix Max?

Yes, but it depends on the delivery system. Full spray application is possible using 5-gallon jugs, 15 and 50-gallon drums if the dispensing equipment has high-pressure capabilities. Splatter pattern application is possible when using tanks only for approved membrane attachment.

4. What is open time?

When Helix Max is dispensed, it should be allowed to rise for approximately 1.5-2 minutes until it becomes stringy when pinched between gloved fingers. Once the adhesive has "string," open time begins and the insulation or membrane can then be set in the adhesive. The open time is approximately 3-3.5 minutes. Open time expires once the adhesive skins over on the top and is no longer stringy.



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The information herein should not be considered all-inclusive and should always be accompanied by a review of the Mule-Hide specifications and guidelines and good application practices.

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