

Product Specification

Product Name:	GenieMat™ FAS-HM		
Description:	GenieMat™ FAS-HM is a one-component, 100% solids, cross-linking, modified silane polymer-based adhesive. It is solvent-free, water-free, and isocyanate-free, non-flammable, has low-odor, negligible VOC content, contains no hazardous chemicals as per OSHA Regulation CFR 1910.1200, and meets all federal, state, and local government indoor air quality regulations. This specially formulated adhesive is a Class 1 vapor barrier, features extremely low-permeability ratings, withstands maximum moisture levels of 10 lbs and 90% RH, and is unaffected by concrete slab alkalinity, has good early strength buildup for immediate grab and gradually builds into a tenacious but resilient bond as the chemicals in the adhesive cross-link, and plasticizer migration resistance that allows installation of a broad variety of vinyl floor products.		
Application:	GenieMat™ FAS-HM is used in high-moisture applications for bonding GenieMat™ sound control underlayments to various subfloors/substrates, and for bonding specified finish floors and coverings to GenieMat™ sound control underlayments.		
Base:	Modified Silane Polymer Blend		
Appearance:	White, smooth, creamy, easy-to-trowel		
Working Time:	45 - 50 minutes depending on temperature and humidity		
Shelf Life:	1 year in unopened container at 70°F (21.10°C)		
Installation:	Installation:	Trowel Size* and Notch:	Coverage:
	GenieMat™ to substrate:	1/16" x 1/16" x 1/16" Sq.	150 - 200 ft ² /gal
	Sheet goods to GenieMat™:	1/16" x 1/16" x 1/16" Sq.	150 - 200 ft ² /gal
	Vinyl tile & plank to GenieMat™:	1/16" x 1/32" x 1/32" U	200 - 300 ft ² /gal
	<small>*Trowel dimension is width x depth x spacing. Coverage is approximate and may vary depending on porosity of substrate and angle at which the trowel is held. It is the installer's responsibility to apply the proper amount of adhesive for the job condition.</small>		
Quantity:	Tub: 2 gals (7.57 L)		
Weight:	9.5 - 9.9 lbs / gal		
Leadtime:	2-3 weeks after receipt of order		

Technical Data

Percent Volatile:	0 (by weight), 100% solids
Relative Humidity Test (ASTM F2170):	Maximum 90%
Calcium Chloride Test (ASTM E1869):	Maximum 10 lbs / 1,000 ft ² in 24 hours
Application Temperature:	65°F - 95°F (18.30°C - 35.02°C)
Application Relative Humidity:	30 - 60%
Freeze/Thaw Stability:	Stable to 10°F (-12.22°C)

The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested applications may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications.