

# GENIEMAT<sup>®</sup> FAS

## MODIFIED SILANE FLOORING ADHESIVE FOR MOISTURE BARRIER APPLICATIONS



### PRODUCT SPECIFICATION

**PRODUCT NAME:** GenieMat FAS

**DESCRIPTION:** **GenieMat FAS** is a Modified Silane, one component 100% solids, solvent free and isocyanate free adhesive that has 0.5 g/L VOC content, contains no hazardous chemicals as per OSHA Regulation CFR 1910.1200 and is a nonflammable, low odor adhesive that meets all federal, state, and local governmental indoor air quality regulations. This specially formulated adhesive has good early strength buildup for immediate grab and quickly builds into a tenacious but elastic resilient bond as the adhesive cross-links.

This adhesive is easy to clean up, even after it has dried on the flooring surface. When used according to directions this adhesive forms a solid membrane below the flooring to protect it from subfloor moisture. Concrete floors over one year old with high moisture readings are usually indicative of a chronic underlying moisture source problems which must be determined prior to the flooring installation.

**APPLICATION:** **GenieMat FAS** is ideal for glue-down installations on all grades, for **GenieMat** sound control underlayments, a broad variety of rubber/recycled rubber/linoleum floors, all types of engineered, solid or acrylic impregnated wood flooring and bamboo, designed to be installed using a wet-set glue down installation method.

**INSTALLATION METHOD:** Immediate wet set installation. Use a 100 lb 3-section roller and allow 8 hours before light traffic, 24 hours before heavy traffic and furniture.

**BASE:** MS adhesive

**APPEARANCE:** Off-white

**WORKING TIME:** Approximately 60 minutes, depending on temperature and humidity.

**SHELF LIFE:** Unopened packaging stored in proper conditions has a shelf life of 1 year.

### TROWEL SELECTION AND COVERAGE:

	FLOORING	TROWEL RECOMMENDATION**	APPROXIMATE SPREAD RATE
<p>The proper notch trowel is very important in achieving satisfactory results with <b>GenieMat FAS</b>. Use of an incorrect trowel will void all warranties.</p> <p>*Spread rate will vary based on substrate texture and absorption rate, trowel angle and other factors. Use this chart as a reference only.</p> <p>**Trowel recommendation is width x depth x spacing.</p>	<b>GenieMat</b> to Subfloor/Substrate	1/16" x 1/16" x 1/16" 1.6 mm x 1.6 mm x 1.6 mm Square-Notch	Up to 125 ft <sup>2</sup> / gallon* No Moisture Barrier
	Sheet Goods to <b>GenieMat</b>	1/16" x 1/16" x 1/16" 1.6 mm x 1.6 mm x 1.6 mm Square-Notch	Up to 125 ft <sup>2</sup> / gallon* No Moisture Barrier
	All solid wood, engineered wood & bamboo, pre-finished or unfinished, all thickness, Dry-back wood parquet to <b>GenieMat</b>	1/8" x 1/8" x 1/8" 3.2 mm x 3.2 mm x 3.2 mm Square-Notch	Up to 70 ft <sup>2</sup> / gallon* No Moisture Barrier
	All solid wood, engineered wood & bamboo, pre-finished or unfinished, all thickness, Dry-back wood parquet to <b>GenieMat</b>	3/16" x 1/4" x 1/2" 4.8 mm x 6.4 mm x 12.7 mm Flat V-Notch	Up to 35 ft <sup>2</sup> / gallon* Moisture Barrier

# GENIEMAT<sup>®</sup> FAS

MODIFIED SILANE FLOORING ADHESIVE  
FOR MOISTURE BARRIER APPLICATIONS



## PRODUCT SPECIFICATION CONTINUED

QUANTITY: Pail: 4 gal (15.1 L)

## TECHNICAL DATA

VOC CONTENT: <0.5 grams/liter

APPLICATION TEMPERATURE: 65 - 95°F (18 - 35°C)

APPLICATION RELATIVE HUMIDITY: 30% - 65%

FREEZE/THAW STABILITY: Protect from freezing; stable to 50°F (10°C)

RELATIVE HUMIDITY TEST (ASTM F2170): Maximum 75% for allowable levels of moisture by manufacturer  
Maximum 90% when used as moisture inhibited system, as per above\*

CALCIUM CHLORIDE TEST (ASTM F1869): Maximum 3 lb/1000 ft<sup>2</sup>/24 hrs for allowable levels of moisture by manufacturer  
Maximum 10 lb/1000 ft<sup>2</sup>/24 hrs when used as moisture inhibited system, as per above\*

\*When trowel with spacers used per moisture inhibitor system above.



# AROUND THE WORLD.

## CONTACT US

### PLITEQ NORTH AMERICA

131 Royal Group Crescent  
Vaughan, ON  
L4H 1X9 Canada

T. + 1 416 449 0049

[info@pliteq.com](mailto:info@pliteq.com)  
[www.pliteq.com](http://www.pliteq.com)

### PLITEQ UK

Irongate House  
22-30 Dukes Place  
London  
EC3A 7LP

T. + 44 203 9846444

[info@pliteq.co.uk](mailto:info@pliteq.co.uk)  
[www.pliteq.co.uk](http://www.pliteq.co.uk)

### PLITEQ MIDDLE EAST

European Business Centre  
Dubai Investment Park  
PO Box 473 512  
Dubai, UAE

T: +971 4 567 4944

[info@pliteq.ae](mailto:info@pliteq.ae)  
[www.pliteq.ae](http://www.pliteq.ae)

### PLITEQ ASIA PACIFIC

101 Cecil Street #19-13  
Tong Eng Building Singapore  
069533

T. +65 8452 6865

[info@pliteq.sg](mailto:info@pliteq.sg)  
[www.pliteq.sg](http://www.pliteq.sg)



© Pliteq Inc.

®™ Trademarks of Pliteq Inc. 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 application 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. All listed dimensions are nominal.