

GENIEMat® FAS

FLOORING ADHESIVE SYSTEM



PRODUCT SPECIFICATION

PRODUCT NAME: **GenieMat FAS**

DESCRIPTION:

GenieMat FAS is a single component 100% solids, cross-linking, polymer-based adhesive formulated for interior installation of all thicknesses of solid/engineered wood, pre-finished and unfinished wood, bamboo and dry-back wood parquet flooring. **GenieMat FAS** also has superior concrete moisture inhibition capability (becoming waterproof when fully cured) and provides isolation for cracks up to 3 mm (1/8") wide.

GenieMat FAS is solvent and isocyanate free, has negligible (0.5 g/L) VOC content, contains no hazardous chemicals as per OSHA Regulation CFR 1910.1200 and is a nonflammable, low odour adhesive that meets all requirements for indoor air quality.

This specially formulated adhesive 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.

APPLICATION:

GenieMat FAS is used for bonding **GenieMat** sound control underlayments to various subfloors/substrates, and for bonding specified wood finish floors to **GenieMat** sound control underlayments.

INSTALLATION METHOD:

Immediate wet set installation. 60 minute working time. Use a 45.6 kg (100 lb) roller and allow 16 hours before light traffic, 24 hours before heavy traffic and 72 hours before sanding.

BASE:

Polymer-Resin Blend

APPEARANCE:

Off white, smooth, easy-to-spread mastic

WORKING TIME:

Approximately 60 minutes, depending on temperature and humidity

SHELF LIFE:

1 year in unopened container at 21°C (70°F)

CONTACT Us

For Your Project Specific Questions

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PRODUCT SPECIFICATION CONTINUED

TROWEL SELECTION AND COVERAGE:

*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.

Installation:

All solid wood, engineered wood & bamboo, pre-finished or unfinished, all thicknesses:

Moisture inhibitor & wood installation one-step application:

Dry-back parquet:

GenieMat to approved substrate:

Trowel Size* & Notch:

5 mm x 6.5 mm x 12.5 mm
Flat V

5 mm x 6.5 mm x 12.5 mm
Flat V with Spacers

3 mm x 3 mm x 3 mm Sq.

1.5 mm x 1.5 mm x 1.5 mm Sq.

Coverage:

5.5-6.5 m²/gal

3-3.5 m²/gal

5.5-6.5 m²/gal

Up to 11 m²/gal

QUANTITY:

Tub: 15.1 L (4 gal)

DENSITY:

Max. 1.2 kg/L (10.2 lb/gal)

TECHNICAL DATA

PERCENT VOLATILE:

0%

VOC CONTENT:

<0.50 g/L

APPLICATION TEMPERATURE:

15 - 30°C (60 - 85°F)

APPLICATION RELATIVE HUMIDITY:

30% - 65%

FREEZE/THAW STABILITY:

Stable to -12°C (10°F)

RELATIVE HUMIDITY TEST (ASTM F2170):

Maximum 75%

Maximum 90% when used as moisture inhibited system, as per above*

CALCIUM CHLORIDE TEST (ASTM F1869):

Maximum 76 mm/93 m²/24 hrs

Maximum 254 mm/93 m²/24 hrs when used as moisture inhibited system, as per above*

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

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