

PLITEQ[®] FAS-B

WET SET ADHESIVE FOR SHIPLAP JOINTS
AND GLUE ASSIST



PRODUCT SPECIFICATION

PRODUCT NAME: **Pliteq FAS-B**

DESCRIPTION: **Pliteq FAS-B** is a one-component, 100% solids, modified silane polymer-based adhesive. It is solvent-free, water-free, isocyanate-free, nonflammable, 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 specifically formulated adhesive has an early grab that is fast curing and is easy to clean.

APPLICATION: **Pliteq FAS-B** is ideal for wet-set glue down applications, engineered for improved adhesion of the **GenieBoard™** high density recycled subfloor panels. With its nozzle design, the application process is simplified. This adhesive is suitable for bonding the rebated edges of **GenieBoard** together. This adhesive can also be used to adhere Acrylic Infused Plank, Bamboo and Hardwood (engineered, parquet, solid). Approved substrates and surfaces for **Pliteq FAS-B** include, APA underlayment grade plywood and OSB; association grade particleboard; cement backer board; cementitious and anhydrite screeds; concrete and radiant heated subfloors that do not exceed 85°F (30°C); existing well-bonded non-cushion-backed vinyl; gypsum and lightweight concrete (primed with **Pliteq FAS-PS**); terrazzo (properly prepared with all waxes and surface finishes removed).

SUBSTRATE & SURFACE
PREPARATION:

Follow flooring manufacturer's guidelines. Substrate must be prepared per ASTM F710 standards including, but not limited to the following:

- Concrete must be placed in strict accordance with applicable standards and specifications. Concrete must be fully cured (at least 45 days), without hydrostatic pressure, without pressurized liquid from any source and free of surface alkaline salt crystallization.
- Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, contaminants from sweeping compounds, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew and curing, sealing, hardening or parting compounds.
- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture resistant patching and/or self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.
- The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational at service temperature, between 60-95°F (15-35°C) and between 30-65% relative humidity, for at least 72 hours prior to, during and permanently after installation.
- When installing over radiant heated subfloors, turn the heat off for 24 hours before the installation. Failure to turn the heat off may result in shortened working time of the adhesive. 72 hours after the installation has been completed, the radiant heat can be turned back on. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°F (29°C).
- Wood underlayments must have a moisture content below 12% using a Tramex or Delmhorst moisture meter.
- When installing thin-gauge wood (solid or engineered), irregular substrates may telegraph through as adhesive pulls wood down during curing stages. Therefore, substrates must be properly leveled (see ASTM F710) to prevent telegraphing.

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INSTALLATION METHOD:

Pliteq FAS-B may only be used as a wet-set adhesive. Follow flooring manufacturer's guidelines for acclimation, layout, design and any special precautions for installation.

1. Using an approved applicator gun, apply product to either the back of the plank or to the substrate in a serpentine pattern, making sure to apply a sufficient amount of adhesive for proper bond.
2. Install flooring immediately after adhesive is applied by securing initial row with approved tape to limit movement and hold patterns (tape strap joints as needed).
 - a. When installing near a solid object or wall, use wedges to allow expansion (Allow 2 hours before removing wedges).
 - b. Working time is approximately 45 minutes under acceptable temperature and humidity conditions.
 - c. Periodically lift flooring material to verify proper transfer of adhesive.
3. When used to install wood transitions, the use of approved blue tape to temporarily hold the transition in place may be necessary until installation is complete.
4. When used to install GenieBoard panels, apply (2) 1/4" beads on the shiplap seam. Install the subsequent GenieBoard panel and mechanically fasten the shiplap seams immediately, following the GenieBoard installation procedures.
5. Immediately roll and cross roll floor with 75-100 lbs (34-45 kg) roller within 2 hours to ensure proper adhesive transfer.
6. Additional precautionary notes:
 - a. When installing unfinished wood, wait 72 hours before sanding.
 - b. Reseal cap when not in use to protect product.

TECHNICAL DATA

BASE:	MS Polymer
APPEARANCE:	Off White
APPLICATION TEMPERATURE:	60-95°F (15-35°C)
APPLICATION RELATIVE HUMIDITY:	30%-65%
RELATIVE HUMIDITY TEST (ASTM F2170):	N/A
SUBSTRATE MVER (ASTM F1869):	N/A
SUBSTRATE pH (ASTM F710):	N/A
SUBSTRATE POROSITY (ASTM F3191):	N/A
MOISTURE BARRIER:	No
FLASH TIME:	N/A

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WORKING TIME: 45 minutes

CURE TIME: 12 hours

LIGHT TRAFFIC: 6 hours

HEAVY TRAFFIC: 6 hours

ROLLING LOADS: N/A

CLEANING: While wet: Use a damp cloth and water to remove.
While soft: Use denatured alcohol, mineral spirits or an adhesive remover/stripper.
Always check compatibility on a piece of scrap flooring.

STORAGE: 50-90°F (10-32°C)

SHELF LIFE: 1 year [Unopened container at 70°F (21°C)]

FREEZE/THAW STABILITY: Protect from freezing; Stable to 10°F (-12°C) [3 cycles]

VOC CONTENT: < 0.1 g/L

CERTIFICATION: Floor Score®; Green Label Plus®; GREENGUARD®; Material Health Certificate - Silver; mindful MATERIAL Library; Red List Free (LBC version 3.1); USGBC Member; LEED v4/4.1 Points

PACKAGING: 30oz (887 mL) per Cartridge
12 Cartridge per Case

QUANTITY/PALLET: 40 Cases

COVERAGE:

Always refer to the flooring manufacturers recommendations for substrate condition requirements as the flooring may be impacted by the existing substrate conditions.

Flooring Type	Tool	Estimated Coverage
BOND ONLY		
GenieBoard Seams	Tip Applicator Included 2x 1/4" (6.4mm) beads per seam	50-60 linear feet/cartridge (15.24-18.29 linear meter/ cartridge)
All solid wood, engineered wood & bamboo, pre-finished or unfinished, all thicknesses	Tip Applicator Included	Dependent on user

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