Pliteq® FAS1

URETHANE FLOORING ADHESIVE FOR MOISTURE BARRIER APPLICATIONS

PLITEQ
It's not magic, it's engineering.®

PRODUCT SPECIFICATIONS

PRODUCT NAME:	**Pliteq FAS1**
DESCRIPTION:	**Pliteq FAS1** is a one-component, polyurethane-based adhesive. It is solvent free, has low-odor and is compliant to SCAQMD Rule 1168 for VOC content. This adhesive does not contain any materials listed on California Proposition 65. This specially formulated adhesive has good early strength buildup for immediate grab and quickly builds into an aggressive bond. When used according to directions this adhesive forms a solid membrane below the flooring to protect it from subfloor moisture.
APPLICATION:	**Pliteq FAS1** is ideal for glue-down installations, for **GenieMat**® sound control underlayments, **GenieMat** finished floors including **GenieMat FIT** tiles, a broad variety of vinyl/rubber/linoleum floors, all types of engineered, solid or acrylic impregnated wood flooring and bamboo. Approved substrates and surfaces for **Pliteq FAS1** include, APA underlayment grade plywood and OSB; cement backer board; cementitious and anhydrite screeds; concrete and radiant heated subfloors that do not exceed 85°F (29°C); gypsum and lightweight concrete (primed with **Pliteq FAS-PS**); terrazzo (properly prepared with all waxes and surface finishes removed).

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TECHNICAL DATA

BASE:	Polyurethane
APPEARANCE:	Beige
APPLICATION TEMPERATURE:	60-95°F (16-35°C)
APPLICATION RELATIVE HUMIDITY:	30-65%
RELATIVE HUMIDITY TEST (ASTM F2170):	No testing required [100%] - For moisture barrier applications with specified notched trowel
SUBSTRATE MVER (ASTM F1869):	No testing required - For moisture barrier applications with specified notched trowel
SUBSTRATE pH (ASTM F3441):	7-11 - Adhesive tolerance. Always refer to the flooring manufacturers recommendations for substrate condition requirements
SUBSTRATE POROSITY (ASTM F3191):	Water must absorb into the substrate within 60 ± 5 seconds.
MOISTURE BARRIER:	Protects flooring against unlimited substrate moisture vapor up to (100% RH) with specified moisture barrier notched trowel & is not impacted by topical liquids
FLASH TIME:	10 minutes (Tiles/Planks)
WORKING TIME:	90 minutes
CURE TIME:	10 hours
LIGHT TRAFFIC:	8 hours
HEAVY TRAFFIC:	24 hours
ROLLING LOADS:	N/A
CLEANING:	While wet: Use denatured alcohol, mineral spirits or an adhesive remover/stripper. Always check compatibility on a piece of scrap flooring.
STORAGE:	50-80°F (10-27°C)
SHELF LIFE:	1 year [Unopened container at 70°F (21°C)]
FREEZE/THAW STABILITY:	Protect from freezing; Stable to 50°F (10°C)
VOC CONTENT:	<20 g/L (<2.67 oz/gal)
CERTIFICATION:	Floor Score®; LEED v4/4.1 Points; Compliant to SCAQMD Rule 1168 for VOC content; Does not contain any materials listed on California Proposition 65
PACKAGING:	2 gallon (7.6 L) 4 gallon (15.1 L)
QUANTITY/PALLET:	60 Pails (2 gallon [7.6 L]) 36 Pails (4 gallon [15.1 L])



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