



WOOD LOCK MS

**PREMIUM WOOD FLOORING
MODIFIED SILANE ADHESIVE**



**For Solid, Engineered, Parquet & Bamboo Flooring
Easy to Clean Off Pre-Finished Floors
Spreads Easily
Excellent Initial Grab**

**RAPID
STRENGTH**
Development

ESTIMATED
228 FT²
COVERAGE/BUCKET





WOOD LOCK MS

WOOD LOCK MS PREMIUM WOOD FLOORING MODIFIED SILANE ADHESIVE

WOOD LOCK MS is a proprietary, polymer-based wood flooring adhesive. This product provides a tough, flexible, and tenacious bond to a variety of substrates. Developed to significantly decrease the occurrence of popping spots in wood floors, it is easy to trowel and allows for easy cleanup on prefinished floors. Its elastomeric characteristics allow the adhesive to move with the wood as it expands and contracts throughout the floor's lifespan. It offers unparalleled green grab, rapid strength development, and easy spreading compared to urethane products.

WOOD LOCK MS is most often used to secure solid wood, bamboo, cork, and engineered hardwood flooring. It can also be used to install plywood and cork underlayment, as well as stone, ceramic tile, and marble inlays for residential and commercial applications. WOOD LOCK MS can also be used in a one-coat application to achieve moisture and vapor control. For ultimate moisture protection and peace of mind, it can be combined with most moisture control systems.

Features and Benefits

- Ideal for Solid, Engineered, Parquet & Bamboo Flooring
- One Coat Application for Adhesive & Moisture Vapor Control Easy Removal from Prefinished Floors
- Formulated for Easy Troweling
- Zero VOCs, LEED V4 Eligible
- Excellent Initial Grab - Rapid Strength Development
- 100% solids - no water or solvent
- Non-slump formula to significantly reduce hollow and popping spots Mold, mildew & moisture resistant
- Excellent bond strength
- Unaffected by freezing temperatures
- VOC-compliant with all federal & state regulations including SCAQMD Product is FloorScore® certified by SCS



Application Guidelines

Subfloor Preparation: All substrates must be clean, dry, structurally sound, properly cured and free of dirt, oil, paint, old adhesive, wax, sealers, curing agents and any material that may inhibit bonding. General scouring with 20 grit or #3 1/2 paper will remove most compounds. All loose materials must be vacuumed from the surface after scouring. The subfloor must be flat to a tolerance of 3/16" in a 10' radius. Hollow spots, popping spots and squeaks are related to unevenness in the subfloor. Grinding concrete floors is preferred over the use of filling compounds. If filling/flattening compounds are used, they must be Portland-based cementitious material and have a compressive strength equal to or greater than 3000 psi when cured. Moisture level in concrete subfloor will fluctuate. Any cementitious material used must be rated for the highest moisture content possible. Consult the cementitious material manufacturer's application directions. Use of product over light weight concrete and all gypsum-based materials requires the use of a concrete primer prior to application of adhesive. Remove all existing base, shoe molding and door thresholds prior to continuing the installation. All door casings must be undercut with either a jamb saw or a hand saw. Use a piece of the flooring as a guide to determine the thickness needed. For ultimate moisture protection, use of a good moisture control system may be applied before using this product.

Open Time: Open time is 25-45 minutes depending on exposure to moisture and temperature. **DO NOT FLASH ADHESIVE!**

Installation: Follow the flooring manufacturer's instructions and choose one of the installation application techniques below. Due to limitations with solid and bamboo wood flooring (lack of dimensional stability), "below-grade" installations are limited to engineered hardwood flooring. This adhesive cures rapidly. Please see open time.

WOOD LOCK MS FOR ADHESIVE, MOISTURE AND VAPOR CONTROL INSTALLATION

When using this method, follow all previous instructions for subfloor preparations. Be sure to obtain the correct trowel. Trowel the product with the correct trowel and immediately install the wood flooring into the wet adhesive. To reduce slippage, secure the first two starter rows with starting blocks fastened to the substrate or wedges against starting wall. Remaining planks must be placed firmly into adhesive. Planks that are not flat should be weighted for several hours. Complete, 100% adhesive coverage, with no voids, is required to qualify for the all-in-one installation warranty. Product is formulated to cure rapidly. Open time depending on relative humidity is 25-45 minutes. Be sure to seat the flooring into the adhesive firmly. Any low or high spots may cause voids in the adhesive and void the warranty. Roll the floor with a 150 lb. roller within 30 minutes of application to assist in creating a continuous layer to ensure total coverage and protection for moisture control. If installing a product with a hollow back, STOP! You will not achieve the 100% coverage required for the moisture warranty.

WOOD LOCK MS ADHESIVE ONLY INSTALLATION




Trowel the adhesive as described above, using the correct trowel as determined by type of flooring. NOTE: Do not walk on the floor during the installation. You should not work on top of the wood. Normally, ultimate strength will be reached in 24 hours. Wait at least 1 day before finishing an unfinished floor. Do not trowel more adhesive than can be covered within 30 minutes. To reduce slippage, secure the first row using flooring tape. Wood Lock MS can be used in conjunction with a moisture control system for an installation with NO MOISTURE LIMITATIONS.

Cleanup: Wet adhesive may be cleaned up with a dry towel or a towel soaked with water or mineral spirits. Follow solvent manufacturer's directions when working with solvents. Cured adhesive will be difficult to remove.







WOOD LOCK MS

Trowel Recommendations and Coverage: Moisture Control and Adhesive Method

FLOORING TYPE	TROWEL SIZE	TROWEL TYPE	COVERAGE
ALL ENGINEERED PLANK FLOORING	1/4 X 3/16" V-NOTCH (SAW TOOTH)		APPROXIMATELY 35FT ² PER GALLON
SOLID FLOORING AND BAMBOO UP TO 5/8"	1/4" X 1/4" V-NOTCH (SAW-TOOTH)		APPROXIMATELY 30FT ² PER GALLON
ALL SOLID, HOLLOW-BACKED FLOORING	1/4" X 1/4" X 1/4" SQUARE-NOTCH		APPROXIMATELY 20FT ² PER GALLON

CLEAN TROWEL WITH WATER OFTEN TO PREVENT ADHESIVE BUILD-UP.

Trowel recommendations and coverage: Adhesive Only Method

FLOORING TYPE	TROWEL SIZE	TROWEL TYPE	COVERAGE
ALL ENGINEERED PLANK FLOORING	3/16" width X 1/4" depth X 11/16" C-C (or 1/2" SPACE) V-NOTCH		APPROXIMATELY 65FT ² PER GALLON
SOLID FLOORING AND BAMBOO UP TO 5/8" THICKNESS AND A WIDTH UP TO 3"	3/16" X 1/4" X 1/2" C-C (or 5/16" SPACE) V-NOTCH		APPROXIMATELY 50FT ² PER GALLON
SOLID FLOORING AND BAMBOO UP TO 5/8" THICKNESS AND A WIDTH GREATER THAN 3"	3/16" X 3/16" X 3/16" SQUARE-NOTCH		APPROXIMATELY 35FT ² PER GALLON
ALL PARQUETS MEASURING LESS THAN 3/4" THICKNESS.	1/8" X 1/8" X 1/8" SQUARE-NOTCH		APPROXIMATELY 65FT ² PER GALLON

CLEAN TROWEL WITH WATER OFTEN TO PREVENT ADHESIVE BUILD-UP.

SPECIFICATIONS GUIDE

TYPE OF FLOORING / FLOORING THICKNESS

JBSITE / SUBFLOOR

ALL PARQUETS MEASURING LESS THAN 3/4" THICK

NEW, OLD OR EXISTING CONCRETE, PROPERLY TREATED LIGHT WEIGHT CONCRETE

ALL ENGINEERED FLOORING

BELOW-GRADE CONCRETE

SOLID WOOD FLOORING MEASURING 5/8" OR LESS IN THICKNESS

PLYWOOD

BAMBOO FLOORING

OSB (ORIENTED STRAND BOARD)

5/8" PLYWOOD (2' X 8' OR 4' X 4')

RADIANT HEATED SLABS

CLEAN AND UNWAXED VINYL/CORK

Physical Properties

- **Type:** Proprietary Polymer
- **Calculated VOC:** 0 g/L (20 g/L during cure)
- **Color:** Off-white
- **Weight Per Gallon:** 11.2 lbs.
- **Solids:** 100%
- **Viscosity:** 100,000 cps
- **Flashpoint:** > 200°F (Pensky-Martens Closed Cup)
- **Freeze / Thaw Stability:** Not affected by freezing
- **Storage Life:** 1 year in tightly closed container stored above 60°F.

Limitations

Wood Lock MS adhesive may be installed on a concrete subfloor with a moisture reading not greater than 3 lbs./1000 sq.ft./24 hours (15 lbs for adhesive and moisture vapor protection, 90% RH*) on a Calcium Chloride Test or 75% RH per an in-situ probe test.

*Note: For hollow-backed products, do not use this product for adhesive and moisture vapor protection. Full, 100% coverage, necessary for effective protection, cannot be achieved with hollow-backed surfaces.

Acceptable conditions of wood substrates are a moisture reading of less than 12% or no more than 4% different from the flooring being installed when using a Delmhorst or equivalent wood moisture meter.

If subfloor moisture conditions do not meet above guidelines at the time of flooring installation or they could exceed them at any time after installation, then a good moisture control system should be used.

Product Identification

NAME	STYLE	CODE	SIZE	WEIGHT	UNITS PER CARTON	CTNS/PLT
WoodLock MS	LTA	WL	3.5 GAL	42.79lbs	1	36



WOOD LOCK MS

Warranty

Lint Tile will honor the applicable terms of any wood floor manufacturer's current published adhesive warranty or subfloor moisture warranty (where applicable) when the flooring was installed using WoodLock MS Wood Flooring Adhesive in accordance with product instructions and the instructions of the wood floor manufacturer.*

Lint Tile will also warrant WoodLock MS to be free from defects in materials and workmanship for a period of one year from the date of manufacture, if the product has been installed in accordance with the all specification guides and the installation instructions furnished with the product. In the event of loss of adhesion of WoodLock MS due to product defect, Lint Tile will reimburse the customer for the cost of labor and materials necessary to repair or replace the affected area(s) of the installed wood flooring.

*Any and all addendums or changes to the wood floor manufacturer's warranties will be reflected in the execution of Lint Tile's warranty immediately upon release by the wood floor manufacturer. The effective date of said changes and addendums will dictate coverage by Lint Tile in relation to the date of installation. As Lint Tile is honoring the applicable terms of all wood floor manufacturers' current published warranties, Lint Tile will also require the same jobsite preparations and installation instructions that accompany each warranty in question.

In the case of subfloor moisture warranties, Lint Tile will cover cupping and buckling of the wood floor when the wood floor manufacturer names coverage of these phenomenon explicitly in their subfloor moisture warranty (where applicable), if all installation and subfloor preparation guidelines have been followed.

Important Notice

Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied, is made as to such use or effects incidental to such use, handling or possession or the results to be obtained, whether in accordance with the directions or claimed so to be. The manufacturer expressly disclaims responsibility therefore. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use.

