



Garrison 605

URETHANE WOOD FLOORING ADHESIVE

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Description of Product

Adhesive is a low solvent, low V.O.C., one component, moisture curing polyurethane adhesive. Adhesive is designed for easy trowel-on application over concrete or wood substrates to install materials such as solid hardwood planks, laminated hardwood flooring and parquet flooring.

Adhesive has superior non-slump capability. This gives it excellent shrink resistance and allows it to provide consistent contact between the wood flooring and the substrate, during and after installation.

Product Features and Performance Advantages

Low Solvent / low V.O.C / low odor.

Minimal shrinking and non-slump for superior contact.

Trowels easily, yet offers good wet / green grab.

High bond strength.

Superior elasticity gives quieter, more cushioned walking over installed flooring. Application variety: Flooring may be applied using the wet lay or walk-on method.

Surface Preparation

Surfaces must be dry, free of dirt, loose particles, oil, wax, grease or any other substance, which may affect adhesion. If some materials prove hard to remove during preparation, surface abrasion such as sand blasting or some similar method is required.

Floor moisture must not be greater than 5 lb. per 1000 sq.ft. per 24 hours, based on the ASTM F 1869 calcium chloride test, greater than 75% on an R.H. probe or greater than 4.5 on a Tramex Concrete Moisture Encounter.

The floor level must not vary beyond 3/16th of an inch per 10 feet.

Installation

Pour product over the correctly prepared surface, then trowel product using a suitable trowel (when skin contact may occur, it is recommended that rubber gloves are used for application of this adhesive). Apply flooring using the application method of choice. During application of the wood floor, any adhesive, which gets onto the flooring should be cleaned off with a dry cloth. Mineral spirits may be used for cleaning if necessary. Tools should be cleaned before the glue sets, using a dry cloth and mineral spirits.

Trowel Recommendations

Trowel Dimensions

3/16" x 1/4" x 1/2" V Notch

Floor Type

Multi-ply engineered/laminated plank 6" wide or less and 5/8" thick or less.
Solid flooring 3" wide or less and 1/2" thick or less.

Coverage

~55 sq. ft. per gallon

1/4" x 1/4" x 1/4" Square Notch

Solid flooring greater than 3" wide and 1/2" thick or less
3/4" shorts and parquet.

~35 sq. ft. per gallon

1/8" x 1/8" x 1/8" Square Notch

Finger block parquet 1/2" thick or less.

~80 sq. ft. per gallon



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Product Limitations and Application Directives

This adhesive is not a moisture barrier by itself.
Do not use on wet, frozen, friable or contaminated surfaces. Do not add water to this adhesive in the pail.
Do not mix this adhesive.

Packaging

Adhesive is predominantly packaged in 5-gallon metal pails.

Physical and Chemical Data

| | |
|-----------------|---|
| V.O.C. Level | <30.00 g/l. |
| Flash Point | >250 F |
| Odor | Very low as product has a low V.O.C. content. |
| Freeze / Thaw | Stable. |
| Stability Color | Tan. |
| Tack Onset | Approximately 60 minutes at 70F and 45% relative humidity. |
| Cure Time | Under ambient conditions of around 70F and 45% relative humidity, the adhesive should set to allow light foot traffic after 4 hours. Normal traffic can resume after 12 hours. Higher humidity and temperature will accelerate set speed. |
| Shelf Life | Lasts 12 months in unopened container (store under ambient conditions in a dry area). |

**KEEP OUT OF REACH OF CHILDREN
PRODUCT INTENDED FOR INDUSTRIAL USE
STORE IN A TIGHTLY SEALED CONTAINER
AVOID DIRECT SKIN CONTACT
NOT FOR INTERNAL COMSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET PRIOR TO USING THIS
PRODUCT**

The manufacturer warrants this product to be in accordance with its' technical properties as outlined on its' data sheet for a period not exceeding 12 months following the date of installation, providing the product has been stored in accordance with its' data sheet, used within the duration of its' shelf life and applied in full compliance with its' data sheet. The user of this product determines its' suitability for any intended use and assumes all associated risks thereof. In the event of a warranty claim, the manufacturer shall pay for reasonable material for a one-time replacement of the area, which is defective as a result of the adhesive as deemed by the manufacturer. Buyers' sole remedy shall be limited to the replacement price of the aforementioned material exclusive of labor or cost of labor. No warranty other than the aforementioned is expressed or implied regarding this product, including any warranty for the sale of this product for a particular application. The manufacturer assumes no responsibility for personal injury or property damage to sellers, users or third parties caused by this material. Such sellers or users assume all risks associated with this material.