



1500 ES URETHANE Wood Flooring Adhesive

Harris 1500ES Wood Adhesive is a solvent-free, 100% solids moisture cure urethane adhesive formulated for the installation of engineered, parquet and solid wood flooring. It is also recommended for bamboo flooring.

Features:

- **Superb flexibility to expand and contract with wood**
- **Commercial performance**
- **Moisture cure urethane**

Uses

For bonding engineered and acrylic impregnated flat milled shorts, finger/block parquet (plain back), solid wood plank and bamboo flooring recommended for glue-down applications, cork underlayment and plywood. Harris Wood 1500ES Urethane Wood Flooring Adhesive is especially recommended for use with the following Harris Wood collections: Traditions SpringLoc, SpringLoc Today, Traditions Engineered, Harris ONE, Trailhouse Hickory, Mesa Verde, Beacon Hill, Distinctions Engineered, Taos Distressed and Craftique Textures.

Substrates

Concrete, association (APA, PSI-95 or CANPLY) grade plywood, oriented strand board (lightly sanded), radiant heated slabs (not to exceed 85°F), acoustic cork underlayment, primed gypsum underlayment and terrazzo.

Surface Preparation

Subfloors must be structurally sound, dry, smooth, flat and free of excess moisture/alkali and all substances that might interfere with the bond. All irregularities must be adequately repaired. Expansion or other moving joints must not be filled or covered with flooring.

General

Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use (between 60° and 80° F) with a relative humidity (RH) between 35% and 55%. Maintain the

same temperature and humidity during the life of the installation. Refer to flooring manufacturer's specific recommendations and industry standards. Ensure moisture content of wood flooring and substrates are within the wood manufacturer's specified range. Ensure adequate ventilation during flooring installation.

The trowel notches referenced are those typically recommended for the type of flooring being installed. They are normally the minimum size recommended. Consult flooring manufacturer for their specific trowel recommendations. **KEEP OUT OF REACH OF CHILDREN.**

Physical Characteristics

(70°F, RH 50%)

Open Time: Up to 80 minutes

Working Time: Up to 120 minutes (Open and working times will vary with RH and temperature.)

Initial Cure: 8-10 hours

Final Cure: 24 hours

Storage: Freeze-thaw stable

Shelf Life: 1 year in unopened container

This product complies with South Coast Air Quality Management District VOC requirements and contains less than the "Wood Flooring Adhesive" maximum of 100 g/L; and contains less than the "Indoor Floor Covering" maximum of 150 g/L (20° C) per the Ozone Transport Commission. This product contains chemicals known to the state of California to cause cancer (Proposition 65).

Installation

Do not install solid wood flooring or bamboo below grade. Harris solid wood is NOT recommended for glue down applications. Ensure 100% coverage of adhesive to the flooring backing and the substrate. *Wet-Lay Method:* Apply adhesive with appropriate trowel. Immediately install flooring into wet adhesive. *Walk-on Method:* Apply adhesive with appropriate

trowel and allow it to develop tack. Install flooring. After your "walk-on" set of boards have been installed; secure them with an appropriate surface tape (such as 3M painter's tape for delicate surfaces) to prevent boards from moving. Clean any adhesive from surface flooring immediately. Two to three hours after installation, roll Harris Wood floors with a 75-100 lb. roller to ensure proper contact.

Clean Up

TEST AN INCONSPICUOUS AREA FIRST TO ENSURE FINISH DOES NOT DAMAGE.
Fresh adhesive: Use mineral spirits sparingly with a clean, white cotton cloth. **DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.**
Dried adhesive: Once product is cured it must be mechanically removed.

Additional Information

Refer to www.harriswoodfloors.com, material safety data sheet and industry standards prior to installation for additional information. For installation questions not covered, please call 1-800-842-7816.

Limited Warranty

Harris Wood warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with Harris Wood's instructions and industry standards. Harris Wood's sole liability is to either supply new product or refund the original purchase price. This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose. Any implied warranties arising by operation of law are limited to one year. Harris Wood will not be liable for any incidental or consequential damages. Visit www.harriswoodfloors.com for full warranty details.

TROWELS & COVERAGE

Engineered Wood (> 1/2" thick)
Solid Wood/Bamboo (3/4" thick)

1/4 in. x 1/4 in. x 1/4 in.

30-40 sq. ft. per gallon

Engineered Wood (≤ 1/2" thick)

1/4 in. x 1/4 in. x 1/4 in.

45-55 sq. ft. per gallon

Finger Block Parquet

1/8 in. x 1/8 in. x 1/8 in.

90-110 sq. ft. per gallon

The trowel notches referenced are those typically recommended for the type of flooring being installed. They are normally the minimum size recommended. Surface conditions (roughness and porosity of substrate), type of flooring and backing will ultimately determine the required trowel notch size and coverage.

Always check with the specific flooring manufacturer's recommendations for their specific trowel requirements. Ensure 100% transfer of adhesive to the substrate and the flooring backing.

Existing flooring and adhesives may contain asbestos. Unless you have confirmation that the existing flooring system is not asbestos containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing flooring or adhesive without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of these products. You may also refer to the Resilient Floor Covering Institute's "Recommended Work Practices for Removal of Resilient Floor Coverings."

Existing paint may contain lead. Unless you have confirmation that the existing paint is not lead containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing paint without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of lead containing paint. You may also refer to www.epa.gov/lead.



Available Size:

4 Gallons

(item# 1500ES-4)