



# Urethane Wood Flooring Adhesive



1408

• High green strength • VOC compliant • High bond strength and elongation



**ROBERTS® 1408 Urethane Wood Flooring Adhesive** is a 100% solids, moisture cure urethane adhesive, high green strength formula, specially formulated for use with prefinished solid plank, flat milled shorts, bamboo, parquet, 3-ply or 5-ply engineered plank and

plywood. It can also be used to install ceramic tile, marble, and stone inlays for light commercial and residential applications. Use 1408 over all substrates common to hardwood flooring installations, including: concrete, plywood, particle or chipboard (underlayment grade), well-bonded vinyl, ceramic tile, cement backer board, poured gypsum underlayment, cement patch/underlayment, radiant heated floors and terrazzo.



## TYPICAL PROPERTIES:

**Appearance:** Tan/Brown Mastic

**Base:** Polyurethane

**Non-volatiles:** 96-98%

**Consistency:** Trowelable Mastic - Do Not Thin

**Shelf-Life:** One year in an unopened container at 70°F

**Flash Point:** TCC: 105°F

**Max. Open Time:** 90 minutes. Varies significantly with humidity, air circulation, temperature substrate property.

**Coating VOC:** 88 grams per liter

**Ventilation:** Keep away from sparks and flame. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure to vapors. Use with adequate ventilation. Wear protective clothing during handling. Wash thoroughly after handling.

## Before Installation:

### Temperature:

Condition room and materials at 65° F for 48 hours prior to, during and after installation. Avoid hot and sunny conditions.

### Floor Condition:

Read and understand data sheet completely before beginning installation. Follow industry standards and wood floor manufacturer's recommendations for subfloor moisture content, design, layout and

application of wood flooring materials.

- Surfaces must be clean, dry and smooth; free of voids, projections, loose materials, oil grease, sealers and all other surface contaminants. If there are any moisture related concerns, testing must be done. Cutback adhesive residue must be completely removed. Surface areas requiring patching or leveling should be done using a Portland cement-based material.
- As you work, immediately clean any adhesive on pre-finished flooring with a soft cloth and mineral spirits or Roberts 1912 Solvent Cleaner (be careful not to harm finish).
- If adhesive is cold, place pail in a warm area to improve workability. Ensure starter rows are firmly in place by wedging or face nailing. Once initial rows are secure, use adhesive in a Wet-Lay or Walk-on-Work method of installation.

## Coverage:

**Floorcovering Type :** Wood Flooring Adhesive

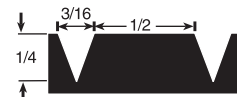
Notch Size	Approx. Coverage
1/8" x 1/8" x 1/8" SQ	70-80 sq ft/gal
1/4" x 1/8" x 1/4" SQ	40-50 sq ft/gal
1/4" x 1/4" x 1/4" SQ	35-40 sq ft/gal
3/16" x 1/4" x 1/2" V	40-50 sq ft/gal



1/8" x 1/8" x 1/8" SQ/CD (E3)



1/4" x 1/8" x 1/4" SQ/CD (C7)



3/16" x 1/4" x 1/2" V (E6)



1/4" x 1/4" x 1/4" SQ/CD (A8)

The above recommended trowel notches are merely suggestions and/or a starting point. Surface conditions and roughness of material backing will ultimately determine the coverage needed. It is the installer's responsibility to ensure 100% transfer of adhesive to the material backing. Full coverage of the floor surface is also necessary.

## During Installation:

### Apply Adhesive:

If adhesive is cold, place pail in a warm area to



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improve workability. Ensure starter rows are firmly in place by wedging or face nailing. Once initial rows are secure, use adhesive in a Wet-Lay or Walk-on-Work method of installation.

#### Wet-Lay Method:

Apply adhesive to substrate with suitable trowel. Immediately place flooring onto "wet" adhesive.

#### Walk-on-Work Method:

Apply adhesive to substrate with suitable trowel and allow it to develop tack (refer to Temperature/Relative Humidity Chart). Install flooring onto "tacky" adhesive. As you work, immediately clean any adhesive from pre-finished flooring with a soft cloth and Roberts 1912 Solvent Cleaner or mineral spirits (be careful not to harm finish). Rolling is recommended for all installations. Flooring that is not flat should be tacked, weighted, or rolled to ensure proper contact between the flooring and the substrate. Be careful to insure any tape employed to temporarily fix planks in place will not harm the finish. Implement effective ventilation by opening windows and doors for an adequate supply of fresh air. Also, consider using window fans and/or air movers to bring fresh air in.

#### After Installation:

**Drying Time:** Accepts light traffic on floor within 8 hours, normal traffic after 24 hours.

**Clean Up:** Immediately clean any adhesive on pre-finished flooring with a clean, white, cotton cloth and Roberts 1912 Solvent Cleaner or mineral spirits (be careful not to harm finish). Do not allow the solvent to sit on the hardwood surface. Clean tools and equipment with the solvent before adhesive cures. Wear rubber gloves when using adhesive. Removal of cured adhesive from pre-finished flooring, skin, tools and equipment is extremely difficult. Wet adhesive can be cleaned from tools and flooring with mineral spirits.

**Trowel Clean Up Tip:** Before use, cover areas of trowel that are not used to spread adhesive with clear packaging or gray duct tape. After use, simply tear off tape before mineral cures. Clean remainder of trowel with a dry cloth and Roberts 1912 Solvent Cleaner or mineral spirits.

**Warranty:** Buyer assumes all risk of use, handling and storage of product not in strict accordance with label directions. No express warranties are given. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE IS LIMITED TO ONE YEAR FROM DATE OF PURCHASE. LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE OR LOSS IS SPECIFICALLY EXCLUDED AT ALL TIMES. If used for other than professional purposes, any implied warranty of merchantability or fitness for particular use is excluded.

**WARNING:** Combustible liquid and vapor. May cause allergic skin reaction. May cause eye, skin and respiratory tract irritation. For additional information concerning the Federal OSHA Hazard Communication Standards and NJ, and PA Right to Know Regulations refer to MSDS information.

#### First Aid:

If inhaled, remove to fresh air.

If not breathing, give artificial respiration.

If breathing is difficult, give oxygen.

In case of contact, immediately flush eyes and skin with water. Call a physician.

**KEEP OUT OF REACH OF CHILDREN.**

Made in USA

#### Available in these sizes:



1408-2

2 gal



1408-4

4 gal



1408-5

5 gal

