

1404

PRIMARY

Wood Flooring Adhesive

1. PRODUCT NAME

ROBERTS® 1404 Wood Flooring Adhesive

2. MANUFACTURER

Roberts Consolidated Industries, Inc.

300 Cross Plains Blvd
Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

ROBERTS 1404 Wood Flooring Adhesive is an adhesive specifically designed to adhere 3, 5 and 7-ply engineered wood flooring and pre-finished parquet. It develops an excellent initial tack to assist in holding boards in place during installation which makes installation easier. It remains flexible and moves with the wood as it reacts to environmental changes.

Features and Benefits



- High solids formula with low moisture content
- Excellent initial grab
- Great trowel ridge holding
- Enviro-Friendly – solvent-free and LEED® compliant; VOC < 1 g/L, SCAQMD Rule 1168
- GoldGuard® antimicrobial product protection
- Traffic – Moderate Residential/Light Commercial

Uses

For bonding 3, 5 and 7-ply pre-finished engineered wood, 3, 5 and 7-ply acrylic impregnated engineered and pre-finished parquet (dry back) wood flooring.

For engineered wood flooring greater than 1/2" thick or greater than 5" wide, or for cork underlayment under solid wood flooring, use ROBERTS Urethane Wood Flooring Adhesives.

Coverage and Trowel Options*

	1/4" x 1/4" x 1/4" Flooring: ≥ 1/2" Engineered Wood Coverage: 45-55 ft ² per gallon
	1/8" x 1/8" x 1/8" Flooring: Prefinished Parquet Coverage: 70-80 ft ² per gallon

*The trowel notches referenced are those typically recommended for the type of flooring being installed and are shown as a guide. Consult flooring manufacturer for their specific trowel recommendations.

Substrates

Concrete (on and above grade), APA rated plywood, vinyl composition tile (free of wax) and acoustic cork underlayment.

Limitations

- Ensure adequate ventilation during flooring installation.
- Not recommended for engineered floors that utilize rubber wood or teak as a final bonding (bottom) layer, or for solid wood flooring or bamboo. Instead, use a ROBERTS Urethane Wood Flooring Adhesive. Refer to NWFA.org for additional information as well as wood manufacturer's installation guidelines.
- Not recommended for finished cork having a wear surface or a vinyl backing, cork that will be installed as the final flooring surface or cork underlayment when used for bamboo or solid wood flooring installations. When installing bamboo / solid wood flooring use a ROBERTS Urethane Wood Flooring Adhesive to adhere cork underlayment to substrate.
- Refer to Safety Data Sheet, www.robertsconsolidated.com, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

4. TECHNICAL DATA

Product Type:	Acrylic Polymeric Resin
Color:	Creamy tan
Odor:	Mild, resinous
Open Time:	Up to 15 minutes
Working Time:	Up to 40 minutes
VOC:	< 1 g/L
MVER:	3 lbs or less (ASTM F1869) / 75% RH or less (ASTM F2170)
pH:	Must not exceed 9.0
Shelf Life:	1 year in unopened container
Storage:	Protect from freezing. Does not require thinning.



5. INSTRUCTIONS

Preparation

Concrete moisture vapor emissions must not exceed 3 lbs/1000 ft²/24 hours and pH must not exceed 9. Subfloors must be structurally sound, dry, smooth, flat ($\leq 3/16$ " within 10'), level and free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring or its installation.

All substrate cracks, chips, holes, joints, high spots and irregularities must be adequately repaired. Expansion or other moving joints must not be filled or covered with flooring. Patching compounds must be suitable for the use application, cement based and polymer-modified, and applied according to the manufacturer's instructions.

Installation

Materials and area temperature must be between 65–95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward. Large temperature or humidity increases or decreases can affect the flooring and performance of the installation. Lift a board periodically to ensure 100% coverage of adhesive to the flooring backing and the substrate to ensure a void free bond.

Ensure the appropriate expansion areas are left around the perimeter of the room and stationary objects. Spread adhesive uniformly. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the back of the flooring. Place flooring into the adhesive while the adhesive is still fresh.

Curing

Up to 8–10 hours. High temperature and low humidity will cause the adhesive to cure faster.

After installation, restrict foot traffic and moving of heavy objects for 24–48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

Clean-up

Fresh adhesive – warm soapy water.

Dried adhesive – use mineral spirits sparingly with a clean, white cotton cloth. DO NOT POUR DIRECTLY ONTO FLOORING.

6. AVAILABILITY

Packaging

4 gallon Plastic Pail (15.14 L)	1404-4	075378140443
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7. WARRANTY

1-Year Direct Bond

ROBERTS warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with ROBERTS' instructions and industry standards. ROBERTS' 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. ROBERTS will not be liable for any incidental or consequential damages.

Visit www.robertsconsolidated.com for full warranty details.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (706) 277-5294 or visit robertsconsolidated.com.

10. FILING SYSTEM

Division 9



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