

# 1407

PREFERRED

## Engineered Wood Flooring Adhesive

### 1. PRODUCT NAME

ROBERTS® 1407 Engineered 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 1407 is an acrylic tri-polymer urethane adhesive designed for the installation of engineered and parquet wood flooring. Smooth and easy to trowel formula with great green grab.

#### Features and Benefits

- For engineered wood floors up to 5" wide
- Easy to trowel; great green grab; strong durable bond
- Also great for cork underlayment
- Convenient cartridge sizes available – perfect for wood moldings, wood stair nosing, wood trim installs and repairs
- Enviro-Friendly – solvent-free and LEED® compliant; VOC < 2 g/L, SCAQMD Rule 1168
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Residential/Moderate Commercial

#### Uses

For bonding pre-finished engineered and pre-finished parquet (plain back).

This product is not recommended for engineered wood flooring that is >1/2" thick, more than 5" wide, or for solid wood flooring. Instead use ROBERTS 1509 or ROBERTS 1409 Wood Flooring Adhesive. Use ROBERTS 1509 or ROBERTS 1409 for cork underlayment when installing solid and bamboo wood flooring.

#### Coverage and Trowel Options\*

**1/4" x 1/4" x 1/4"**

Flooring: ≥ 1/2" Engineered Wood  
Coverage: 45-55 ft<sup>2</sup> per gallon

**1/8" x 1/8" x 1/8"**

Flooring: Prefinished Parquet  
Coverage: 70-80 ft<sup>2</sup> 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 and acoustic cork underlayment.

#### Limitations

- Ensure adequate ventilation during flooring installation.
- Refer to Safety Data Sheet, [www.robertsconsolidated.com](http://www.robertsconsolidated.com), industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

### 4. TECHNICAL DATA

**Product Type:** Tri-polymer (acrylic, SBR, urethane, latex)

**Color:** Beige

**Odor:** Very mild, non-offensive

**Open Time:** Up to 20 minutes

**Working Time:** Up to 30 minutes

**VOC:** < 2 g/L

**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 sq. ft./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

This product is ready to use and does not require mixing. 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. Refer to flooring manufacturer's specific recommendations and industry standards. Lift a board periodically to ensure 100% coverage of adhesive to the flooring backing and the substrate to ensure a void free bond. This product is not photochemically reactive.

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 deepest recesses in the back of the wood flooring.

Place flooring into the adhesive while the adhesive is still fresh. Do not allow adhesive to "skin over." The amount of time in which you have to place the flooring will vary with temperature and humidity.

### 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)	1407-4	075378140740
1 gallon Plastic Pail (3.78 L)	1407-1	075378140719
30 ounce Cartridge (887 mL)	1407-30C	075378140702
10 ounce Cartridge (295 mL)	1407-10C	075378140754

## 7. WARRANTY

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](http://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](http://robertsconsolidated.com).

## 10. FILING SYSTEM

Division 9



ROBERTS®, GoldGuard®, and the e® logo are registered trademarks of Roberts Consolidated Industries, Inc. • Q.E.P.® is a registered trademark of Q.E.P. Co., Inc.  
LEED® and related logo is a trademark owned by the U.S. Green Building Council®

11033