

1487

ENGINEERED+ Wood Flooring Adhesive

1. PRODUCT NAME

ROBERTS® 1487 Engineered+
Wood Flooring Adhesive

2. MANUFACTURER INFORMATION

Roberts Consolidated Industries, Inc.
300 Cross Plains Blvd
Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

ROBERTS® 1487 ENGINEERED+ Wood Flooring adhesive is an easy to trowel advanced acrylic adhesive, designed for the installation of pre-finished engineered wood flooring. ROBERTS 1487 offers early-grab, long-term bond performance while generating elongation characteristics necessary to allow expansion and contraction. Enviro-friendly, low VOC (2 g/L) and solvent-free.

Features and Benefits

- For engineered wood floor planks up to 8" wide and ½" thick
- Easy to trowel; great green grab; strong durable bond
- Great for cork underlayment
- Strong initial grab for holding wall base
- Outstanding plasticizer migration resistance
- Enviro-Friendly – solvent-free and LEED® compliant; VOC < 2 g/L, SCAQMD Rule 1168
- Antimicrobial protection powered by Microban® for superior mold and mildew defense
- Traffic –Residential to Moderate Commercial

Meets Environmental Standards

LEED® EQc 4.1 (100 g/L limit)	SCAQMD, Rule 1168 (100 g/L limit)
PASSES	PASSES

Uses

For bonding pre-finished engineered up to 8" wide and 1/2" thick* engineered and parquet planks (plain back). Installation of engineered wood planks greater than 5" wide must be installed above grade on wood substrate.

Coverage and Trowel Options*

1/4" x 1/4" x 1/4" Flat-Top-V-Notch

Flooring: Engineered Hardwood
Coverage: 45-55 ft². / per gallon

1/8" x 1/8" x 1/8" - SQ-Notch

Natural Cork Underlayment
Coverage: 70-80 ft². / 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), over properly primed gypsum underlayments, APA-rated flooring-grade plywood, radiant heated subfloors where temperatures do not exceed 85°F.

Limitations

- On grade and above grade installation only
- Use for engineered plank greater than 5" wide only if flooring manufacturer does not require moisture-cured urethane or silane-type adhesives.
- This product is not recommended for solid wood flooring, bamboo flooring or exotic wood flooring species.
- Moisture tolerance over concrete slab – Up to 3lbs MVER / 75% RH
- Concrete slab pH must not exceed 9
- Ensure adequate ventilation during flooring instruction
- Refer to the flooring manufacturer's specific recommendation and industry standards.

4. TECHNICAL DATA

Product Type:	Advanced Acrylic Adhesive
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
Shelf Life:	2 years from date of manufacture when stored in the original unopened container in a controlled environment 50°F - 77°F (10°C - 25°C)
Storage:	Protect from freezing

5. INSTRUCTIONS

Preparation

Subfloors must be structurally sound, dry, smooth, flat ($\leq 3/16"$ within 10'), level and free of excess moisture/alkali and all contaminants (oil, debris, paint, sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring and its installation. All substrate cracks, chips, holes, joints, high spots and irregularities must be adequately repaired. Patching compounds must be suitable for the use application, cement-based and polymer-modified, and applied according to the manufacturer's instructions.

Installation

Maintain a consistent temperature (between 65-85°F) and maximum ambient RH of 65% for 48 hours before, during and after installation. Follow all industry standards and floor covering manufacturer's recommendations for floor flatness, acclimation and application of all flooring materials. Pour adhesive directly from the pail to the substrate as needed. Use appropriate trowel size to apply the adhesive. Adhesive ridges should be well defined, consistent and achieve full coverage of the substrate. Observe the Open Time. Do not allow the adhesive

to skin over. Apply flooring per manufacturer's specific guidelines. Press the board firmly into the adhesive. Lift a board periodically to ensure 100% transfer of adhesive has occurred to promote a void-free bond. Roll flooring installation per manufacturer's recommendation

Open Time: Up to 20 minutes **Working Time:** Up to 30 minutes

Curing

Curing: 8-10 hours. Environmental factors and substrate porosity effect cure rate. Restrict foot traffic and moving of heavy objects for 24 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

Clean-up

Fresh adhesive – warm, soapy water on a clean cloth.

Dried adhesive – mineral spirits sparingly on a clean, cotton cloth.

DO NOT POUR DIRECTLY ONTO FLOORING.

6. AVAILABILITY

USA Availability Packaging

4 gallon Plastic Pail (15.14 L)	1487-4	075378148746
1 gallon Plastic Pail (3.78 L)	1487-1	075378148715

CA Availability Packaging

4 gallon Plastic Pail (15.14 L)	1487RB015	075378148722
1 gallon Plastic Pail (3.78 L)	1487RB004	075378148739

7. WARRANTY

Roberts Consolidated Inc. offers a limited product warranty on this product when installed in accordance with the printed specifications. *Lifetime Warranty applies only for installations performed by industry certified professional installers.

Visit robertsconsolidated.com or call (866) 435-8665 for 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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