

1530

MAXGRAB™

Polyurethane Wood Flooring Adhesive

1. PRODUCT NAME

ROBERTS® 1530 MAXGRAB™ Polyurethane 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® 1530 MAXGRAB™ is a one-component, moisture-cured polyurethane adhesive formulated to develop a tenacious, highly elastomeric bond that moves with the normal expansion and contraction of wood flooring. This premium adhesive is ideal for all glue-down applications of wood flooring (solid, engineered, parquet and bamboo). Low odor, this advanced formula also offers a low VOC of 53 g/L. Once cured, ROBERTS 1530 MAXGRAB is virtually unaffected by moisture.



Maximum Bond
& Flexibility



Fast Curing with
Excellent Workability

Features and Benefits

- Permanent, tenacious bond with high elongation properties
- Highly elastomeric to move with the expansion / contraction of wood
- Low odor, cured adhesive is unaffected by moisture
- Fast curing and excellent workability
- Suitable for in-floor radiant heat installation

Meets Environmental Standards

LEED® EQc 4.1 (100 g/L limit)	SCAQMD, Rule 1168 (100 g/L limit)	BAAQND, Reg 8, Rule 51 (120 g/L limit)
PASSES	PASSES	PASSES

Uses

For bonding solid plank (glue assist or full-glue down), bamboo, block parquet (plain back) and engineered floorings (that are recommended for glue-down applications). May also be used to glue-down cork and rubber acoustic underlayment systems.

Coverage and Trowel Options*

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

Flooring: < 3/4" Solid Wood Flooring
Coverage: 30-35 ft² per gallon

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

Flooring: < 3/4" Engineered Wood Flooring
Coverage: 30-40 ft² per gallon

1/4" x 3/16" TigerTooth™

Flooring: < 3/4" Solid Wood Flooring;
< 3/4" Engineered Wood Flooring
Coverage: 30-35 ft² per gallon

1/4" x 1/4"

Flooring: < 3/4" Solid Wood Flooring;
< 3/4" Engineered Wood Flooring
Coverage: 30-35 ft² per gallon

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

Flooring: Cork or Rubber Underlayment
Coverage: 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

Structurally sound, properly prepared concrete, chipboards, ceramic tiles, APA or PS1-95 rated plywood; underlayment-grade oriented strand board (lightly sanded), radiant-heated slabs; vinyl composition tile (well bonded and free of wax), residential engineered wood flooring, acoustic cork underlayment, primed gypsum underlayment and terrazzo (free of wax / sealers).



Substrate Moisture Content

- For use as an adhesive only: ROBERTS 1530 MAXGRAB is not affected by moisture or vapor transmission. For protection of the wood floor covering, follow the wood floor manufacturer's requirements for subfloor moisture. If substrate is not acceptable, use ROBERTS 1530 MAXGRAB at recommended coverage rate as all-in-one adhesive moisture inhibitor. See Technical Data Sheet for proper trowel size and application.
- For use as an adhesive and membrane: Concrete moisture vapor emission rate (MVER) may not exceed 15 lbs. per 1,000 ft² (5.44 kg per 92.9 m²) per 24 hours, anhydrous calcium chloride test (ASTM F1869). Do not install when the relative humidity (RH) of the concrete slab exceeds 90% (ASTM F2170).

Limitations

- Do not install solid wood or bamboo below grade.
- Do not install where hydrostatic pressure is present.
- Do not install solid wood flooring over VCT / vinyl.
- Do not install where moisture barrier hasn't been installed under the slab.
- This adhesive does not reduce or affect issues originating from the sides, ends, or top of flooring installations (i.e., puddles, water, leaks or hydrostatic-head, etc.).
- Refer to ROBERTS 1530 MAXGRAB Safety Data Sheet, www.robertsconsolidated.com, industry standards and manufacturer's guidelines and specific recommendations (prior to installation) for additional details.

4. TECHNICAL DATA

Product Type:	One-Component, Moisture-Cured Polyurethane
Color:	Light Yellow
Odor:	Mild
Open Time:	Up to 60 minutes
Working Time:	Up to 60 minutes
VOC:	53 g/L
MVER:	15 lbs or less (ASTM F1869) / 90% RH or less (ASTM F2170)
Shelf Life:	1 year in unopened container
Storage:	Store in an unopened container, in dry conditions and protected from direct sunlight at temperatures between 50°F and 77°F (10°C and 25°C). Does not require thinning.

5. INSTRUCTIONS

Preparation

Concrete substrate must be dry (within tested moisture tolerance of flooring product). Subfloors must be clean, structurally sound and within flat and level tolerance of manufacturer. All substrates must free of substances that might inhibit the bond of the adhesive or the performance of the flooring or its installation. All substrate cracks, chips, holes, joints or high spots 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. Concrete must be visibly dry. Inspect for any wetness at base of drywall, or visible or previous signs of moisture on concrete. Concrete and cement-based underlayments must be full cured and free of hydrostatic and / or moisture problems.

Installation

For use as an adhesive only: ROBERTS 1530 MAXGRAB is not affected by moisture or vapor transmission. For protection of the wood floor covering, follow the wood floor manufacturer's requirements for subfloor moisture tolerance. If substrate is not acceptable, use ROBERTS 1530 MAXGRAB at the recommended trowel coverage rate as All-in-One adhesive.

For use as an adhesive and membrane: Concrete moisture vapor emission rate (MVER) may not exceed 15 lbs. per 1,000 ft² (5.44 kg per 92.9 m²) per 24 hours, anhydrous calcium chloride test (ASTM F1869). Do not install when the relative humidity (RH) of the concrete slab exceeds 90% (ASTM F2170). Follow all industry standards, as well as flooring manufacturer's recommendations for floor flatness, acclimation and application of wood flooring material. Apply ROBERTS 1530 MAXGRAB to a properly prepared substrate; poured directly from the pail and uniformly distribute the adhesive with the

appropriate-sized trowel. Keep the trowel at a 90° angle to the subfloor to maximize adhesive ridges and obtain stated coverage. Once flooring board is applied, Press firmly into the adhesive field. Periodically check coverage of adhesive during installation: 100% substrate coverage and adhesive transfer is required to protect against damages from subfloor moisture. This also maintains a void-free bond. Roll the installation per the flooring manufacturer's recommended guidelines to ensure consistent contact.

Curing

Up to 6-8 hours. High temperature and high humidity will cause the adhesive to cure faster.

After installation, restrict foot traffic and moving of heavy objects for 24 hours to allow adhesive to cure properly. Premature traffic can cause installation failure. ROBERTS 1530 MAXGRAB is a chemical-curing adhesive, and once dry will form a chemical bond with the flooring surface. Clean any adhesive from flooring surface immediately with ROBERTS® 5505 Urethane / Multipurpose Adhesive Remover.

Clean Up

Fresh adhesive – Use Roberts 5505 sparingly, with a clean, white cotton cloth to immediately remove any adhesive from the floor surface. Always test on a scrap of flooring material (prior to using on an installed floor) to ensure that the cleaner will not damage the surface. DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.

Dried adhesive – Do not allow adhesive to cure on flooring surface, tools, or equipment. Cured adhesive will be difficult to remove. If adhesive dries on floor finish, carefully scrape excess adhesive with plastic putty knife and use ROBERTS 5505 (see label instructions for proper clean-up of dried adhesive). Avoid damaging the finish. Touch up any scratched finish with wood flooring manufacturer's repair finish.

Storage:

- Re-seal partially used container:** Always replace the lid after dispensing adhesive onto the substrate. Place a sheet of heavy plastic (e.g., trash bag) onto the adhesive. Secure lid.
- Re-open partially used container:** Carefully pull lid open. Carefully cut and discard cured material and plastic from top of pail. Any uncured material may be used.

6. AVAILABILITY

Packaging

4 gallon metal pail (15.14 L)	1530-4	075378000846
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7. WARRANTY

25-Year Direct Bond

ROBERTS warrants that this product will be free from manufacturing defects for 12 months from the date of manufacture, 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

⚠ WARNING: This product can expose you to chemicals including Silica (crystalline, respirable) and Diisodecyl Phthalates which are known to the state of California to cause cancer, and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov

made in
USA

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