

PRO SERIES

3089

Made in the U.S.A.

URETHANE ADHESIVE FOR WOOD AND RUBBER FLOORING

DESCRIPTION

PRO SERIES 3089 Urethane Adhesive for Wood and Rubber Flooring has been specifically designed to bond solid hardwood and engineered wood flooring; reground rubber flooring underlayment; and rubber and cork underlayment to approved substrates and in double-stick applications.

FEATURES AND BENEFITS

- Easy to apply and extremely low odor
- Excellent bond strength and elasticity
- Non-solvent formulation and 100% solids

USES

- For installing solid hardwood and engineered wood flooring
- For installing reground rubber flooring underlayment
- For installing rubber and cork underlayment

RECOMMENDED SUBSTRATES

APA or CANPLY Group 1 exterior-rated plywood and other approved wood underlayments; concrete and properly prepared cement terrazzo; primed gypsum underlayments; existing and properly prepared ceramic tile; primed cement-based self-leveling underlayments and patching compounds; and radiant-heat systems

LIMITATIONS

Do not install over any substrates containing asbestos. For interior installations only. Do not install when the moisture vapor emission rate (MVER) exceeds 5 lbs. per 1,000 sq. ft. (2.27 kg per 92.9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869). The MVER must be diminishing over time, and do not install when the relative humidity (RH) of the concrete slab exceeds 80% (ASTM F2170). Flooring installations over concrete slabs exceeding 5 lbs. (2.27 kg) MVER or 80% RH should be installed over a properly installed moisture vapor barrier. Use only when the substrate temperature is between 50°F to 90°F (10°C to 32°C) and when the ambient relative humidity is between 20% and 80%. Install only in areas recommended by the flooring manufacturer. Building owners should be advised and aware of the flooring manufacturer's guidelines for climate-control settings (temperature and humidity). These conditions must be monitored and kept constant in order to ensure the overall performance and long-term success of the installation. For conditions outside of limitations, please contact the KENTWOOD technical department at info@kentwoodfloors.com; additional project warranties may be available.

SPECIAL SITUATIONS

Solid wood flooring: Do not use with exotic species, bamboo, or planks over 5" (12.7 cm) wide.

Wide-plank engineered: KENTWOOD wide-plank engineered floors are approved for use with PRO SERIES 3089 Urethane Adhesive for Wood and Rubber Flooring. For other wide-plank floors, consult with the flooring manufacturer for suitability.

Exotic engineered: Exotic species and bamboo can be installed if the construction of the material base is a minimum of 5-ply birch plywood. KENTWOOD engineered multi-ply exotics are approved for use with PRO SERIES 3089 Urethane Adhesive for Wood and Rubber Flooring. For other engineered exotic floors, consult with the flooring manufacturer for suitability.

SURFACE PREPARATION

All substrates must be structurally sound, dry, solid and stable. The substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. Substrates must be flat to 3/16" (4.5 mm) in a 10-ft. (3.05-m) span; refer to the flooring manufacturer's guidelines. Concrete and cement-based underlayments and patches must be fully cured and free of any hydrostatic and/or moisture problems. Use a moisture meter to check the moisture content (MC) of the wood flooring, surface of the substrate, and general jobsite area; follow the flooring manufacturer's guidelines.

MIXING

Note: Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet (SDS) for more information.

- Do not combine with other adhesives or thin with any substance.
- Ready to use; no mixing is necessary.

APPLICATION

Read all installation instructions thoroughly prior to installation. Wear all appropriate personal safety equipment during use. Refer to the SDS for more information.

1. Select the appropriately notched trowel (see the "Typical Trowels and Approximate Coverages" chart) for the floor thickness to be installed.
2. Spread the adhesive evenly over the subfloor – keeping the trowel at a 45° angle to the subfloor – in a 1-to-2-ft. (0.30-to-0.61-m) wide strip.
3. Only apply as much adhesive as can be installed within a 45-minute time period or adjusted for site conditions.
4. Install flooring in strict accordance with the flooring manufacturer's written instructions.
5. Make every effort to prevent adhesive from getting onto the flooring surface. Remove adhesive smudges immediately with a urethane adhesive remover, or use mineral spirits and a white cotton cloth. Change out cleanup cloths often.

6. Clean tools while the adhesive is still fresh/wet using mineral spirits.

Note: Do not stand or kneel on freshly installed flooring, as adhesive can ooze up between joints and flooring can slip out of alignment.

Protect from light traffic for at least 12 hours. Protect from heavy traffic for at least 24 hours.

Radiant heat: Installations over radiant heat may require specialized procedures. Follow the flooring manufacturer's instructions.

Note: Working time and adjustment times vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

PRODUCT CHARACTERISTICS (at 73°F [23°C] and 50% RH)

Polymer type	Polyurethane
Percent solids	100%
VOCs	15 g/L
Color	Tan
Shelf life	1 year when stored in original packaging at 73°F (23°C)
Storage conditions	50°F to 90°F (10°C to 32°C)
Flash point (Tag)	> 200°F (93°C)

Note: Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

INDUSTRY STANDARDS AND APPROVALS

LEED v3 Points Contribution

LEED Points







MR Credit 5, Regional Materials* Up to 2 points

MR Credit 6, Rapidly Renewable Materials.....1 point

IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants1 point

* Using this product may help contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.

TYPICAL TROWELS AND APPROXIMATE COVERAGES**

Flooring Type	Recommended Trowel	Coverage
Rubber and cork underlayment	1/16" x 1/16" x 1/16" (1,5 x 1,5 x 1,5 mm) square-notch trowel 	125 to 185 sq. ft. per U.S. gal. (3,06 to 4,53 m ² per L)
Reground rubber mats or rolls	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm) U-notch trowel 	85 to 95 sq. ft. per U.S. gal. (2,08 to 2,33 m ² per L)
Finger block parquet	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm) square-notch trowel 	70 to 80 sq. ft. per U.S. gal. (1,71 to 1,96 m ² per L)
Engineered wood flooring < 1/2" (12 mm) thick	3/16" x 3/16" x 3/16" (4,5 x 4,5 x 4,5 mm) square-notch trowel 	32 to 42 sq. ft. per U.S. gal. (0,78 to 1,03 m ² per L)
Engineered wood flooring > 1/2" (12 mm) and < 5/8" (16 mm) thick	1/8" x 1/4" x 1/4" (3 x 6 x 6 mm) square-notch trowel 	40 to 50 sq. ft. per U.S. gal. (0,98 to 1,22 m ² per L)
Solid or engineered wood flooring 3/4" (19 mm) thick	1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) square-notch trowel 	30 to 40 sq. ft. per U.S. gal. (0,73 to 0,98 m ² per L)

** Coverages shown are for estimating purposes only. Actual jobsite coverage may vary according to application method, substrate, and/or substrate conditions and actual specified thickness applied.

SKU NUMBER	SIZE
19607	5 U. S. gals (18.9L)

Metropolitan Hardwood Floors is the exclusive distributor of PRO SERIES adhesives and sundries.