

**ATTENTION:** Always refer to the most current technical information available at [www.lonseal.com](http://www.lonseal.com), and review completely prior to starting the job. Lonseal reserves the right to change its products' design and material, or to improve products or processes at any time without notice. Installation procedures and use of Lonseal products must be in strict accordance with Lonseal's technical documentation for warranty terms to be valid.

**DESCRIPTION:** An aggressive, pressure-sensitive sheet vinyl adhesive.

**USE:** For bonding Lonseal flooring to an approved substrate.

**ADVANTAGES:**

- ▶ Green Label Plus Certified
- ▶ Contributes to LEED
  - ▷ Low-emitting materials
- ▶ Up to 2 hours of working time
- ▶ Low-odor formula for use in occupied buildings

**APPLICATION:**

1. Spread the adhesive onto the substrate using the appropriate size trowel or applicator (see table below) as determined by the type of installation. When using a 1/4 in. (6.4 mm) nap roller, apply the adhesive in a uniform layer to both the substrate and the back side of the flooring material.
2. For smooth products, back rolling with an adhesive saturated, 1/4 in. (6.4 mm) thick nap roller may be necessary to eliminate potential telegraphing of trowel ridges when using either size trowel.
3. Allow enough open time for the adhesive to flash off, prior to placing the flooring material.
4. When the adhesive has flashed properly, the trowel valleys will be clear. When a nap roller is used, the adhesive should be allowed to flash until it is almost clear.
5. Protect the exposed adhesive from dust and debris, which will inhibit proper bond and reduce tack.
6. Lay the flooring into the adhesive and roll in both directions with a minimum 100 lb. (45.4 kg), three-section roller.
7. Allow no foot traffic for a period of 24 hours after the installation, and allow 72 hours for the adhesive to fully cure, before setting heavy furnishings or allowing heavy traffic.

**CLEAN UP:** Promptly clean any adhesive from the flooring and tools with water while the adhesive is still fresh/wet. To remove cured adhesive, scrape first using a plastic putty knife or similar tool, using caution to avoid damaging the floor. Remove any remaining residue using ethyl alcohol applied to a clean, dry cloth.

**LIMITATIONS:** For interior installations only. Protect from freezing. Avoid prolonged exposure to low temperatures and do not exceed five freeze/thaw cycles. If frozen, do not stir until it is completely thawed at room temperature. Not recommended for use on metal or fiberglass substrates.

**PHYSICAL PROPERTIES:**

- ▶ **Color:** Off-white
- ▶ **Solids:** 55%
- ▶ **VOC:** <20 g/L (measured)
- ▶ **Weight:** 8.5 lbs./gal. (1.0 kg/L)
- ▶ **Shelf Life:** 2 years, when stored unopened at 73 °F (22.8 °C)
- ▶ **Storage Conditions:** 65 °F – 85 °F (18.3 °C – 29.4 °C); keep dry and out of direct sunlight in a well-ventilated area.
- ▶ **Application Conditions:** 65 °F – 85 °F (18.3 °C – 29.4 °C)
- ▶ **Available Size(s):** 1 gal. (3.8 L) and 4 gal. (15.1 L)
- ▶ **Concrete Requirements:** 8 lbs. (3.6 kg)/1,000 ft<sup>2</sup> (92.9 m<sup>2</sup>)/24 h max. MVER (ASTM F1869); 90% max. RH (ASTM F2170); 10 pH max. (ASTM F3441)

**APPROXIMATE SPREAD RATE TABLE:**

Applicator	U-Notch Trowel 1/16 x 1/32 x 1/32 in. (1.6 x 0.8 x 0.8 mm) [general installation]	Square-Notch Trowel 1/16 x 1/16 x 1/16 in. (1.6 x 1.6 x 1.6 mm) [fitness flooring]	Nap Roller 1/4 in. (6.4 mm) [reduced porosity substrate]
Appx. Spread Rate*	200 – 250 sq. ft./gal. (4.9 – 6.1 m <sup>2</sup> /L)	100 – 120 sq. ft./gal. (2.5 – 2.9 m <sup>2</sup> /L)	60 – 70 sq. ft./gal.** (1.5 – 1.7 m <sup>2</sup> /L)**
Open Time†	30 – 60 minutes	30 – 60 minutes	30 – 60 minutes
Working Time‡	Up to 2 hours	Up to 2 hours	Up to 2 hours

**Note:** Trowel sizes listed are by width/depth/space. All information provided in the above table will vary depending on the job site conditions, including temperature, humidity, and substrate porosity.

\*Actual job site spread rate will vary depending on the substrate conditions.

†Waiting time required before placing the flooring into the adhesive.

‡ Amount of time for the adhesive to accept the flooring after being applied to the substrate.

\*\*Spread rate shown is for the total application area with the adhesive applied to both surfaces.