

vG LD Adhesive Polyurethane Rubber Floor Adhesive



Product Description: vG LD is a high-performance, one-component moisture-cure urethane adhesive. vG LD combines superior ridge retention with powerful bond strength and ease of troweling.

- Features:**
- Formulated to eliminate hollow spots and plank-separation memory
 - Industry-leading ridge retention
 - Contains no water
 - Powerful urethane bond strength
 - Outstanding strength with low VOCs
 - Extremely easy to trowel
 - Easy to clean
 - LEED® Qualified
 - Free of California Proposition 65 substances

Chemical & Physical Properties:

Tensile Strength:	>250psi (>1724 kpa)	Cure Times:	8-10 hours (light foot traffic) 24 hours (heavy foot traffic)
Open Time:	90 mins. at 65°-75°F (18°-24°C)	Shelf Life:	• Up to one year from date of manufacture when stored at 50°-80°F (10°-26°C)
Application Room Temp.:	60°-90°F (15°-35°C)	Acoustical Properties:	• IIC: 68dB (ASTM E492-04 / E989-06) • STC: 66dB (ASTM E90-04 / E413-04)
Packaging:	5 gal bucket (18.9L); 53 lbs (24 kg)		
Flash Point:	>152°F (>67°C)		
Color:	Brown		
VOCs:	<100 g/L		

Subfloor Preparation:

vG LD can be used over the following subfloors meeting National Wood Flooring Association (NWFA) standards: concrete, plywood, OSB, terrazzo, and ceramic. vG LD may be used over radiant heated floors where the floor temperature is maintained between 60°-70°F (15°- 20°C) during installation and for 48 hours thereafter. For any other subfloor, please contact a vG sales representative for install instructions.

Mechanical surface profiling is the only accepted method of subfloor preparation where warranties are issued. Acid etching is not recommended. Shotblast the floor to medium grit sandpaper texture to remove curing and surface contaminants. Ensure that the subfloor is structurally sound, smooth, dry, properly cured, clean and free from dust, dirt, grease, oil, plaster, paint, old adhesive, wax, curing agents, sealers, cutback or other asphaltic-based residue and any other contaminants that could interfere with a good adhesive bond. For application of vG LD over ceramic tiles it is necessary to grind the tile surfaces and clean thoroughly with an industrial vacuum cleaner.

Before starting the installation, carefully check that the subfloor is flat. Eliminate dips and crowns that exceed 3/16" (4.8 mm) in a 10 foot (3 m) radius by patching or sanding/grinding. **Do not use vG LD as a leveling agent.** Where needed, use only Portland cement based patching and leveling compound.

Repair all cracks in the subfloor greater than 1/8" (3 mm) before applying vG LD.

Newly poured concrete must be cured for a minimum of 42 days before application of vG LD. Moisture tests must be performed on all concrete subfloors regardless of grade level or age. Moisture testing must be performed in accordance to ASTM F1869 - Calcium Chloride Test - or ASTM F2170 - *in situ* RH Probe Test. Moisture levels must not exceed 3 lbs/1000 sq ft/ 24 hours (14.6 g/m² for 24 hours) (as per ASTM F-1869) or 75% RH (as per ASTM F-2170).

Installation Instructions Continued on Reverse



TECHNICAL GUIDE

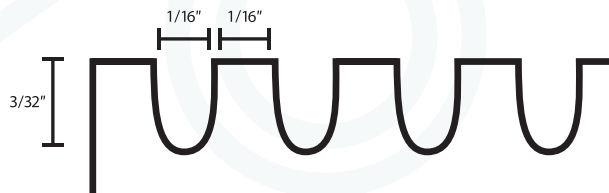
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Installation Use:

01. Read and understand all Material Safety Data Sheets and the "Rubber Flooring Adhesive Bond and Moisture Protection Warranties" prior to installation
 02. Follow all requirements provided by the rubber flooring manufacturer, including those related to rubber flooring acclimation, room temperature and humidity levels, environmental controls, expansion space and layout
 03. Follow the instructions for "Subfloor Preparation" on Page 01/02
 04. Follow the instructions for "Trowel Selection" below and select the appropriate notched trowel for the type of floor you are installing. For proper adhesive bond 90% transfer of adhesive to the flooring is required. Periodically check to insure good transfer is achieved
 05. Apply vG LD to the subfloor with recommended trowel and lay the floor onto the "wet" adhesive
- **NOTE:** Do not set flooring into adhesive that has a dry skin. The "open time" of the adhesive will vary according to the temperature and humidity level-the higher the temperature and humidity, the shorter the open time
 - To maximize coverage, it is recommended to trowel vG LD perpendicular to the direction of the flooring

Trowel Selection:

The proper notch trowel is very important in achieving satisfactory results with vG LD. Use of an incorrect trowel will void all warranties. Cartridges can be dispensed as a bead or as mass and troweled, depending on the application (when troweling is required be sure to follow trowel selection guidelines below).



We Suggest...

U-Notch Trowel for both porous and non-porous subfloor surfaces.
3/32" D x 1/16" W x 1/16" A

NOTE: Square-notched trowels may also be used - consult your vG representative for details.

Health & Safety:

Combustible. Use in a well-ventilated area. Product contains isocyanates. Inhalation may be harmful. Prolonged or repeated skin exposure may cause skin irritation. Do not swallow and avoid eye contact. If vG LD comes in contact with skin wash with soap and flowing water. Seek medical advice if irritation persists. If vG LD comes in contact with eyes, flush with water for 15 minutes and seek medical advice. If adverse respiratory effects occur, move to a fresh air area and seek medical advice. If swallowed, do not induce vomiting and seek medical advice. For additional information, refer to Material Safety Data Sheet.

KEEP OUT OF THE REACH OF CHILDREN.

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