



**WOLF GRIP**  
PREMIUM ADHESIVE

# WLF1000

Required Adhesive for Cascade Atlas HDPC®

Trowel Applied Adhesive for HDPC Dry Back Vinyl Flooring

**High shear strength**  
**Fast flash time**  
**Extended open time**  
**Solvent-free, low odor**

**4 US Gallons (15.1 L) Net Weight: 32.8 lbs / 14.85 kg**

**WLF1000** is a high-strength, high-tack, adhesive for installing multiple types of dimensionally stable floor coverings such as HDPC Dry Back Vinyl Planks, vinyl tiles & planks (LVT), vinyl composition tiles (VCT) and solid vinyl tile, over porous and non-porous substrates. Note: See usage instructions below for use with HDPC Dry Back and other listed flooring products. LVT and VCT products must be acclimated, HDPC does not require acclimation.

**WLF1000** offers extended open time, fast dry time and ease of application. This unique adhesive has outstanding water resistance and tenacious bond strength for demanding installations such as residential single family, multi-family and apartments. Also, hospitals, schools, nursing homes, hospitality, and food preparation centers. The low odor is ideal for occupied buildings.

**CRITICAL!!! READ THE LABEL BEFORE YOU USE THIS PRODUCT.**

**USAGE with HDPC Dry Back Vinyl Planks:** The installation site must be acclimated to meet the following conditions continuously for 48 hours prior to and during installation. The substrate and room temperature must be maintained at 50°-100°F or 10°-37.7°C, and the relative humidity maintained between 35-65%. The adhesive must be maintained at 50°-100°F or 10°-37.7°C continuously for 48 hours prior to, during and after the installation.

**USAGE with LVT vinyl tiles & planks, vinyl composition tiles (VCT) and solid vinyl tile:** The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 50° - 100°F or 10° - 37.7°C, and the relative humidity between 35-65% for 48 hours prior to, during, and continuously after the installation.

#### **APPROVED SUBSTRATES**

- Concrete
- Portland based underlayment.
- Properly prepared gypcrete/lightweight concrete
- APA rated plywood – (Moisture content must be below 12%)
- Terrazzo
- Properly prepared radiant heated floors (RHF's must be turned off 48 hours prior to installation and turned back on, 48 hours after the installation is complete. Surface shall not exceed 85°F or 29.4°C.)
- Single layer of approved, fully adhered resilient flooring.

#### **Porous substrates:**

- Adhesive should be allowed to dry to the touch, typically this will take around 30 minutes. Once the adhesive is dry to the touch, you will have 3-hours of working time. Loss of adhesion will result if the flooring is not installed within the working time of the adhesive.

**Non-porous substrates:**

- Adhesive should be allowed to dry to the touch, typically this will take around 30 minutes. Once the adhesive is dry to the touch, you will have 3-hours of working time. Do not install flooring into wet adhesive on non-porous substrates.

**PLEASE NOTE:** Due to the many additives being used in or on concrete slabs, it is critical that a bond test be performed. Some treatments will repel any sealer or adhesive. If usage instructions are not completely followed, **DO NOT USE THIS PRODUCT.**

**RECOMMENDED TROWEL AND COVERAGE:** 1/16" x 1/16"x 1/16" V-Notch (width, depth, spacing) for non-porous surfaces, Coverage: 150-175 sf per gallon. 1/16" x 1/16"x 1/16" Square Notch (width, depth, spacing) for porous surfaces. Coverage: 125-150 sf per gallon. All flooring must be rolled with a 100 lb 3-section roller immediately after placement (within the 3-hour working time).

**ADHESIVE WORKING TIME:**

Up to 3 hours after application.

**TRAFFIC:**

Follow the flooring manufacturer's installation guidelines; otherwise immediate occupation and foot traffic is permitted in dried adhesive installations. Allow at least 48 hours before any rolling loads and at least five days before conducting wet cleaning procedures or initial maintenance.

**CLEAN UP:**

Use a clean wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of an appropriate solvent.

**SUBSTRATE CONDITIONS:**

The surface of the concrete floor shall be dry, clean, smooth and structurally sound. It shall be free of dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers; or any other foreign materials that might affect the ability of the adhesive to bond to the surface. Moisture tests are required on all concrete subfloors regardless of age or elevation. Moisture testing must be performed in accordance with the most current ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride, with levels not to exceed 12 lbs. per 24 hours per 1000 sf and ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes with readings not exceeding 95%. Any skim coat or leveling performed must be fully cured before spreading the adhesive. Uncured leveler will cause issues and possible loss of bond.

- **Lightweight or gypsum substrates MUST be primed with Acrylic Primer before adhesive application.**

**LIMITATIONS:**

Not for outdoor use. Not for below grade installations without moisture testing being performed and documented. Store indoors at a temperature between 50°-100°F or 10°-37.7°C. Cannot be used over substrates that have been chemically cleaned. Not for use with PVC backed carpet tile.

**FOR PROFESSIONAL USE ONLY**

**NOT LABELED FOR CONSUMER USE**

**KEEP OUT OF REACH OF CHILDREN**

**DISCLAIMER:**

WLF1000 is not a sealer or a moisture barrier and should not be installed/ treated as such. Always follow the floor covering manufacturer's guidelines for flooring moisture limitations. WLF1000 is not for use with moisture sensitive flooring.

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200

**FIRST AID MEASURES:**

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Skin contact:** Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.

**Inhalation:** IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion:** Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

**Self-protection of the first aider:** Use personal protective equipment as required.

**DISPOSAL:**

Dispose of in accordance with local, regional, national, international regulations as specified. Read SDS for detailed product information. SDS may be obtained by calling 503-582-0848.

**SUPPLEMENTAL INFORMATION:**

**Shelf Life:** 2 years from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 50°-100°F or 10°-37.7°C.

**DOT Hazard Class:** Not regulated.

**MADE IN USA**

**24-Hour Emergency in the USA:** Chemtrec 1-800-424-9300

**LEED v4 PROGRAM CREDITS** (where applicable)

- IEQ Credit 2.1, 2.2: Low Emitting Materials
- VOC content is below that established by California SCAQMD Rule 1168
- Conforms to California Section 01350