

Important Information: Novalis NV-GLU+ is suitable for Novalis flooring only. NV-GLU+ must be used in indoor applications and on approved, properly prepared substrates, following the current Installation Instructions. All associated technical documents, including the Warranty and Safety Data Sheet, shall be read, understood, and followed. ***Failure to properly review and follow all relevant technical documents could result in issues that are not covered under warranty.***

Storage: The floor covering and adhesive must be stored in cool, dry indoors conditions between 40°F and 90°F (4°C - 32°C). Do not leave units exposed to sun. Avoid lower temperatures and multiple freeze-thaw cycles. Do not store outside (even in containers) and do not stack pallets.

Site Conditions: The prepared installation area must be fully enclosed and weatherproof. Maintain steady site conditions (within ± 5°F) using an HVAC system set to the normal, post-installation operating temperature and humidity conditions (In-Service Conditions) for at least 48 hours before, during, and 48 hours after installation. In-Service Conditions must be between 60°F (16°C) and 80°F (27°C) and between 35% and 65% relative humidity. Additionally, In-Service Conditions must be ≥ 10°F above dew point. During installation, block any direct sunlight using window treatments or other protective methods.

Failure to meet these site conditions may impact adhesive performance. If the required conditions cannot be met, contact the technical department for specific instructions before proceeding.

Product Acclimation: Before installation, confirm that the flooring is acclimated to within ± 2°F of the in-service conditions using a non-contact infrared (IR) thermometer. If these conditions are not met, delay the installation until the flooring temperature is within the acceptable ranges.

Suitable & Unsuitable Subfloors & Substrates: For a complete list of suitable and unsuitable substrates and subfloors, as well as substrate preparation requirements, please refer to the flooring product's technical documents.

Concrete Moisture Limitations:

Above-grade: All concrete surfaces must be visibly dry prior to and during installation.

On and/or Below-grade: All concrete substrates that are in direct contact with ground must comply with one of the following options prior to and during installation.

- Option 1:** Concrete must have a **confirmed**, effective **vapor retarder** installed directly beneath the slab, that is compliant with *ASTM E1745 Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slab*.
- Option 2:** Concrete must be tested for relative humidity, following the *ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes*. **ASTM F2170 test results must not exceed 90% RH.**
- Option 3 (Residential only):** Concrete must be tested for surface moisture, following the *ASTM F2659 Standard Guide for Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds Using a Non-Destructive Electronic Moisture Meter*. Electronic moisture meter(s) must be set for concrete substrates and properly calibrated with a 0.0 – 6.9% Moisture Content (MC) scale. Perform at least 3 tests within a 1-sq. ft. location and record the highest MC reading. Repeat the test at ≥ 8 different locations per 1,000 sq. ft. **All F2659 test results shall be ≤ 4.5% MC.**
- Option 4:** Install a surface applied **concrete moisture mitigation system** that complies with *ASTM F3513 Standard Practice for Single Component, Fluid-Applied Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings* or *ASTM F3010 Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings*, following the product manufacturer's instructions.

Record and document which option was selected prior to installing the NV-GLU+.

Adhesive Application: After the substrate that has been prepared, apply the adhesive slowly and evenly to the substrate with the specified trowel notch at a ~45° angle. Avoid skips, puddles or sharp trowel turns. Allow the appropriate open time for the adhesive - trowel ridges should still be pliable and tacky when pressed, with slight adhesive transfer to fingertips (~15 – 30 minutes, depending on substrate and site conditions). If adhesive ridges are firm and there's no transfer to fingertips, do not install flooring and contact the technical department.

Once the open time has been reached, immediately install the flooring following the starting line, keeping all joints tight without pressure fitting. Within the working time of the adhesive (up to 2 hours, depending on substrate and site conditions), roll the installed flooring slowly, first width then length, using a 100 lb. three-section roller. Failure to install within the working time and roll correctly may result in issues that are not covered under warranty.

Clean-up: Remove any wet adhesive from the surface of the flooring immediately using a damp, clean cloth. If the adhesive has dried, use a small amount of 70% Isopropyl alcohol and a clean cloth to remove it.

Trowel Selection & Coverage: Use the specified trowel notch, detailed within the flooring instructions. Replace trowels every 4 gallons to ensure even coverage – do not re-notch trowels.

- 1/16" x 1/16" x 1/16" Square notch trowel (FCA), the coverage is 125-175 sq. ft. / gallon
- 1/16" x 1/32" x 1/32" U-notch trowel (FFA), the coverage is 175-200 sq. ft. / gallon
- 1/32" x 1/16" x 5/64" U-notch trowel (WHA), the coverage is 225-250 sq. ft. / gallon



Technical Data	
Base Polymer:	Acrylic
Color / Physical State:	Beige Paste
VOCs:	1.1 g/L
ASTM D7149 – Freeze Thaw:	Stable, 5 Cycles at 10° F
pH:	8 – 8.5
Coverage Rate / Gallon:	125 – 250 sq. ft. (Depending on Trowel)
Open / Flash Time:	~15 – 30 Mins. (Depending on Substrate & Site Conditions)
Working Time:	Up to 2 Hours (Depending on Substrate & Site Conditions)
Shelf Life:	24 months, if Unopened & Properly Stored
Light Foot Traffic:	Immediate
Heavy Foot Traffic / Rolling Loads:	12 Hours
Heat Welding / Initial Maintenance:	12 Hours
Storage Temperature:	40° - 90°F (4° - 32° C)
Acclimation / Installation Temperature:	± 2° F of In-Service Temperature
	≥ 10°F Above Dew Point

Hazards Identification	
Not classified as hazardous.	
Hazard Statements:	None
Safe Handling Instructions:	Avoid eye and skin contact. It is recommended to use safety glasses and gloves during handling. During installation process, adequate ventilation of the work area should be maintained. Although the adhesive is low VOC, persons who are sensitive to odors or chemicals should avoid the work area during installation. Keep container closed.
Hazards Not Otherwise Classified:	None

FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. FOR MORE INFORMATION, READ THE SAFETY DATA SHEET. FOR ADDITIONAL INFORMATION OR TECHNICAL SUPPORT, PLEASE CONTACT 1.800.861.5292 OR EMAIL TECHSUPPORT@NOVALIS-INTL.COM

Escanee para obtener instrucciones en español



CA WARNING: Cancer risk from exposure to Benzophenone. See www.P65Warning.ca.gov