

BEAUFLOR®

4N1

MULTI-PURPOSE ACRYLIC FLOORING ADHESIVE

- Luxury vinyl plank
- Luxury vinyl tile
- Vinyl click
- Vinyl sheet flooring



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Beauflor Multi-purpose 4N1 is an acrylic adhesive with extremely aggressive tack, formulated to provide high shear and peel strength for installing luxury vinyl tile (LVT), luxury vinyl plank (LVP), vinyl sheet and vinyl click flooring. Multi-purpose 4N1 forms a secure plasticizer and moisture resistant bond to most types of vinyl flooring. This high solids adhesive is also non-staining and contains an antimicrobial system to protect the adhesive from mold and mildew.

Before you begin:

Important: Proper substrate preparations are essential. Moisture testing must be performed and documented before installation begins. Read Technical Bulletin titled Substrate Preparation for complete instructions before beginning installation.

Usage:

Follow Beauflor's installation instructions. All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines.

NOTE: It is up to the end user to determine the coverage that is appropriate for flooring and jobsite conditions. Bond testing prior to the installation will help identify the appropriate application rate, open and working time, and any potential bonding problems to the substrate or flooring. Follow Beauflor's installation instructions and guidelines regarding adhesive application rate and method. Always roll the installation in both directions with a 75-100 lbs. 3-section roller immediately after flooring is placed and positioned, ensuring complete contact with adhesive.

Porous substrates:

- Vinyl sheet flooring may be placed into adhesive after 10-20 minutes open time (flash-off) over a porous substrate.
- When installing vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive.

Non-porous substrates:

- Install vinyl sheet, tiles and plank flooring into adhesive as it becomes dry to the touch with little or no transfer to finger when touched. This will normally require 30-60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on non-porous substrates.

Trowel and coverage:

1/16"x1/32"x1/32" U-notch trowel: 220-260 square feet per gallon

Traffic:

Follow Beauflor's installation guidelines; otherwise restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads, or furniture placement for 72 hours after installation. Additional time may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation 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:

Use on concrete substrates with up to 90% RH for flooring installed on or above grade (per current ASTM F2170), and pH of 8.0-10.0.

Use with these flooring types:

Luxury vinyl tile (LVT), Luxury vinyl plank (LVP), Vinyl sheet flooring, Vinyl click.

Limitations:

Do not allow product to freeze. Do not use on substrates that have been chemically cleaned or over treated plywood. Do not use to install vinyl-backed flooring over asphalt-based (cutback) adhesive residues.

Precautionary statements:

In case of eye contact, flush with water for 10-15 minutes. If irritation persists contact a physician. If prolonged skin contact causes irritation, wash with soap and water. If swallowed, consult a physician. Avoid release to the environment. Safety glasses and gloves are recommended if contact is expected. Dispose of in accordance with local, regional, national, international regulations as specified.

24-Hour Emergency in the USA:

Chemtrec 1-800-424-9300.

Read SDS for detailed product information. SDS may be obtained by calling 877-362-5562.

LEED v4 Credits (where applicable)

- IEQ Credit 2.1, 2.2, MR Credit 4.1, 4.2
- VOC content is below that established by California SCAQMD Rule 1168.
- Conforms to California Section 01350

Made in the USA



Indoor Air Quality Certified to SCS-EC10.3-2014
Conforms to the CDPH/EHLB Standard Method v1.1-2010 (effective January 1, 2012) for the school classroom, private office, and single-family residence parameters when modeled as Flooring. Also, conforms to the SCAQMD Rule 1168 - Adhesive and Sealants (January 2005).

DISCLAIMER:

Users should determine the suitability of this information or product for their own particular purpose or application. Beauflor is not responsible for the misuse of this product. This Technical Data sheet and the information conveyed herein supersede all previous versions. Beauflor is a registered trademark of Beauflor USA, LLC. FloorScore is a registered trademark of The Resilient Floor Covering Institute. CRI is a registered trademark of The Carpet and Rug Institute. June 14, 2017

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TECHNICAL DATA SHEET BEAUFLOR 4N1 MULTI-PURPOSE