

FORBO FRT 950 ADHESIVE TECHNICAL DATA

RECOMMENDED FOR USE WITH:

- Flotex® Tile
- Coral® Tile
- Allura Flex

SPECIFICATIONS:

- FloorScore Certified by SCS Global Services
- Carpet & Rug Institute (CRI) Green Label Plus Approved
- High quality acrylic emulsion
- Pressure-sensitive, releasable adhesive
- Non-flammable; 100% Solvent free
- Storage: Freeze-thaw stable: 1 cycle at 20° F (-6° C). If the pail is opened and found to be frozen, let it set closed and undisturbed at room temperature until thawed. **DO NOT** try to mix frozen adhesive.
- Shelf life: 2 years in unopened container
- Appearance and Odor: White with mild odor; Dries Clear
- VOC Emissions: 0 grams per liter (calculated per CA South Coast Rule 1168)
- Spread Rate: Approximately 300 square feet per gallon
- Available in four gallon units only



SUBSTRATE & TESTING REQUIREMENTS:

- Forbo FRT 950 can be used on all grade levels of concrete, approved suspended wood floors and approved existing resilient floors. All concrete substrates must be prepared in strict accordance with the conditions set forth in the latest version of ASTM F 710. The substrate must be dry, clean, smooth, and structurally sound.
- The surface pH of the concrete must not exceed a pH of 10.0. Concrete surfaces with pH readings less than 7.0 or above 10.0 will require remediation prior to installation.
- The internal relative humidity must not exceed 85% as determined by testing conducted in strict accordance with the latest version of ASTM F 2170.
- The moisture vapor emission rate must not exceed 8.0 lbs. per 1,000 square feet in 24 hours as determined by testing conducted in strict accordance with the latest version of ASTM F 1869.
- Conduct adhesive mat bond testing before beginning the installation. Bond testing will aid in identifying both the working characteristics of the adhesive, such as the appropriate open and working times for the site conditions, and also any potential bonding problems to the substrate.

INSTALLATION RECOMMENDATIONS:

1. Areas to receive material should be clean, fully enclosed and weather tight. The permanent HVAC should be fully operational and controlled and set at a minimum temperature 65° F (18.3° C). If this is not possible, the areas should be acclimated and controlled by means of temporary HVAC to the service level conditions expected during occupancy. The temperature and humidity should range from 75° F ± 10° F (23.9° C ± 5.5° C) with a 50% ± 10% ambient relative humidity. These conditions **MUST** be established at least seven days prior to beginning the installation, maintained during the installation, and continued for at least seven days following the installation.
2. The substrate must be free of all foreign materials including, but not limited to, dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, film-forming curing compounds, silicate penetrating curing compounds, sealing, hardening, or parting compounds, alkaline salts, excessive carbonation or laitance, mold, mildew, and other foreign materials that might affect the rate of moisture dissipation from the concrete, the adhesion of resilient flooring to the concrete or cause a discoloration of the flooring from below.
3. Before beginning the installation, all testing requirements should be conducted: pH, internal relative humidity, moisture vapor emissions and bond testing. Refer to the Substrate Evaluation & Preparation section of the Forbo Installation Guide for additional information.
4. Apply the FRT 950 adhesive with a 3/8" nap roller at a spread rate of approximately 300 square feet per gallon.
5. The open time and working time of adhesives will vary depending on site conditions such as ambient temperature and humidity, the porosity of the substrate and air circulation.
6. Allow the adhesive to turn clear and dry to the touch before installing. After turning clear, the flooring **MUST** be placed into the adhesive within four hours.

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7. Immediately roll the flooring in all directions using a 100 pound roller to ensure proper adhesive transfer. Additional rolling is required during adhesive setup to ensure that the material is flat and fully adhered.
8. Remove fresh adhesive residue immediately with a clean white cloth. Dried adhesive can be removed with a clean white cloth and a properly diluted solution of neutral pH cleaner or with Forbo Adhesive Remover. The area must then be rinsed with clean, cool water to remove all residue from the floor. Refer to the Forbo Commercial Floor Care Guide for further information.
9. Keep the lid on the pail when not in use.
10. In order to allow the adhesive to dry and cure properly, wait a minimum of five days following the installation before conducting wet cleaning procedures or initial maintenance. Additional time may be necessary if the installation is over a non-porous substrate.

For additional information, Forbo's Installation and Floor Care Guidelines are available for download at www.forboflooringNA.com, or contact Forbo's Product Support & Education Services at 1-800-842-7839.