

FLEXTILE 710

PREMIUM VINYL FLOORING ADHESIVE

■ BASIC USES

Flextile 710 Premium Vinyl Flooring Adhesive is a pressure sensitive, high-strength, high-tack adhesive for the installation of Stone Plastic Composite (SPC) tile, Luxury Vinyl Tile (LVT), Vinyl Plank and similar floorcoverings over approved porous and non-porous substrates.

■ COMPOSITION AND MATERIALS

A medium-bodied latex resin emulsion which develops a bond of exceptionally high strength when used as per instructions.

■ FEATURES

- Extended open time, fast dry time, and ease of application.
- Outstanding water resistance and tenacious bond strength for demanding installations such as hospitals, schools, nursing homes, and hospitality.
- Excellent shrinkage resistance and plasticizer migration resistance - ideal for use with all solid vinyl flooring.
- Formulated with an anti-microbial system to protect the adhesive from bacterial and fungal growth.
- Higher moisture resistance, suitable over fresh concrete slabs with moisture vapor emission rates up to 3,63 kg per 92,9 m² (8 lbs. per 1,000 sq. ft.) per 24 hours.
- Environmentally friendly, VOC-free formula: ideal for densely occupied buildings.

■ LIMITATIONS

- Not for outdoor use. Not for below grade installations.
- Shelf life: 2 years from date of manufacture, in unopened container.
- Storage: Indoors at a temperature between 18°- 30°C (65-85°F).
- Do not allow product to freeze.
- Cannot be used over substrates that have been chemically cleaned. A bond test MUST be performed.

■ LEED v4 PROGRAM CREDITS (where applicable)

- IEQ Credit 4: Low emitting materials (with certification)
- MR Credit 4.1, 4.2: Material Ingredients (with certification)
- VOC content is below that established by California SCAQMD Rule 1168
- California Section 01350 compliant

■ TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Physical State	Paste
Open Time	1-2 hours. May be extended up to 24 hours if desired.
Colour	Tan
Odor	None.
Cleanability	With water before material dries. Tools on which adhesive has set can be cleaned with mineral spirits.
Storage	Store in cool dry location.
Shelf Life	2 years from production date when stored at room temperature.
Freeze/Thaw	Avoid freezing during storage, application and before material has cured.

Approx. coverage

Resilient Flooring 1.6 mm (1/16") V-notch
4 Litres (1.06 US Gal) 16.8-20.4 m² (180-220 ft²)
15 Litres (4 US Gal) 63-76.5 m² (675-825 ft²)

** Coverages given are for estimating purposes only. Actual coverages may vary depending on job site conditions and installation techniques used.*

** Antimicrobial technology that helps to inhibit the growth of mildew, fungus and other bacteria causing odors and stains in construction materials.*



■ SUBSTRATES

Sound and properly prepared concrete (on grade and above) and CSA/APA approved wood subflooring. Substrates must be clean and dry, free of dust, dirt, paint, wax, existing adhesives, or other contaminants including curing compounds that may interfere with the adhesive bond. Do not use on chemically cleaned substrates. Asphalt-based or cutback adhesive stains must be removed completely.

SUBSTRATE CONDITIONS:

Flextile 710 Premium Vinyl Flooring Adhesive may be used for installations over on or above grade concrete substrates with up to 95% in-situ Relative Humidity per latest version of ASTM F2170 and pH between 8.0 – 11.0. HVAC must be in operation and interior ambient air temperature and Relative Humidity must be maintained between 18 °C- 30 °C (65 °F- 85°F) and 40-65% RH for at least 48 hours prior to, during and continuously after the testing, preparation and final installation. The substrate temperature should be at least 5 °F higher than the Dew Point.

ASTM F2659 impedance moisture meter testing is required due to issues related to topical moisture from dew point.

Concrete substrate surface should not read over 4% on the impedance meter for this adhesive application.

■ INSTALLATION

PREPARATORY WORK

Surfaces must be sound, even, dry and free of grease, oil, dirt, paint, curing compounds or sealers, or other foreign matter.

APPLICATION

Refer to installation instructions of the flooring manufacturer. Pour a small quantity of adhesive on the floor and, with a firm hand, spread evenly using a trowel having 1.6 mm (1/16") V-notches on 1.6 mm (1/16") centers. AS SOON AS ADHESIVE HAS CURED TO A TACKY FILM, APPLY FLOOR COVERING. Roll floor immediately after each section has been installed with a 35 – 25 kg (75-100 lb) 3-section roller.

■ CURING and TRAFFIC

Restrict foot traffic for 24 hours after installation, and 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.

■ SAFETY

Refer to Flextile 710 Premium Vinyl Flooring Adhesive Safety Data Sheet for health and safety information.

■ AVAILABILITY

Flextile 710 Premium Vinyl Flooring Adhesive is available from Flextile and its distributors in:

15 L (4 US gal)

4 L (1.06 US gal)

■ WARRANTY

Flextile warrants that this product is of merchantable quality and is suitable for the purpose for which it is intended. Flextile's liability under this warranty shall be limited to replacement of its product found to be defective or, at its option, a refund of the purchase price.

■ MAINTENANCE

No maintenance is required except where damages result from unforeseen circumstances. Repair procedures shall be directed by Flextile or its distributors.

■ TECHNICAL SERVICES

Flextile maintains a well-equipped laboratory able to test its products in conjunction with the products with which they are used. Technical assistance for use of Flextile products is available upon request.



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