

FLEXTECHTM 310 CLEARSET TILE ADHESIVE



BASIC USES

For installation of vinyl composition tiles.

COMPOSITION AND MATERIALS

A synthetic light-coloured, high-strength latex/resin emulsion which develops a bond of exceptionally high strength when used properly. It contains no solvent, hazardous ingredients, or carcinogenic materials as defined by WHMIS or OSHA regulations.

FEATURES

- With *Flexfresh*TM technology. Revolutionary technology that helps to inhibit the growth of mildew, fungus and other bacteria causing odours and stains in construction materials.
- Environmentally friendly, VOC free formula.
- Best for vinyl composition tiles.
- Excellent workability, easy spreading.
- Cures to a clear film.
- Excellent adhesion to most substrates.
- Prolonged tack-up time.
- Nonflammable.

LIMITATIONS

- Not recommended for PVC or rubber tile. (Use Flextech 710 Premium Universal Flooring Adhesive)
- Protect from freezing in transit and storage.
- Do not use at temperatures below 5°C (40°F) or above 40°C (104°F)
- For interior installation only.
- Concrete floors must be completely cured (28 days). Do not installed when moisture vapor emission (MVER) exceeds 2.25 kg per 92.9m² (5 lbs. per 1,000 sq. ft.) per 24 hrs, when using the anhydrous calcium chloride test (ASTM F1869). Moisture Test Kits are available at Flextile and its distributors.
Do not use over gypsum base surfaces.

INSTALLATION

SUITABLE SUBSTRATES

When properly prepared as described in preparatory work, suitable substrate includes:

- Well-cured concrete and smooth cementitious surfaces; on, above or below grade; free from excessive moisture or alkali.
- Approved plywood on suspended floors.
- Latex Portland cement based underlayment
- Existing well-bonded resilient flooring.

LEED Points Contribution

MR Credit 5, Regional Materials*
IEQ Credit 4.1, Low-Emitting
Materials – Adhesives & Sealants
IEQ Credit 4.3, Low-Emitting
Materials – Flooring Systems
**May be eligible*

LEED Points

Up to 2 points

1 point

1 point

TECHNICAL DATA

Typical Physical Properties

Physical State	Paste
Open Time	1-2 hours. May be extended up to 24 hours if desired
Colour	Beige
Odor	Mild latex odour
Cleanability:	With water before material dries. Tools on which adhesives have been set can be cleaned with mineral spirits.
Storage	Store in cool dry location.
Shelf Life:	1 year from production date when stored unopened at room temperature.
Limitations	Avoid freezing during storage, application and before material has cured.

Approximate Coverage

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

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

PREPARATORY WORK

Surfaces must be sound, even, dry and free of grease, oil, dirt, paint, curing compounds or sealers, or other foreign matter. Nail down any loose edges or loose areas of subfloor and sand and smooth all raised edges. Fill surface cracks or depressions with Flextile Patch and sand smooth and vacuum to remove dust. Fill and level surfaces with Flextile 59 FlexFlo or 5900 FlexFlo Plus Self-Leveling Underlayments following product installation instructions, and sand smooth and vacuum to remove dust. Install plywood over tongue and groove flooring or parquet to prevent surface pattern from "telegraphing" through the new floor finish. Adhesive, flooring and surface must be at 15°C (60°F) or higher.

For job specific installation systems, recommendations, project warranty information, or for assistance with installation specifications, please contact Flextile's technical department.

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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 1/16"(1.6mm) V-notches on 1/16"(1.6mm) centres. Before installing tile, let adhesive dry until it is clear and tacky but does not transfer to the finger when touched. Tile may be installed up to 24 hours after application of adhesive. Position tile carefully because tile cannot easily be moved on dry adhesive. To ensure overall contact, roll with a 100lb. 3-section roller within 24 hours of installation. Clean adhesive from face of tile while still wet with a damp cloth.

PROTECTION

Do not allow traffic for 24 hours after installation. Do not allow rolling load traffic for at least 72 hours after installation to allow setting and drying of the adhesive.

SAFETY

Refer to Flextile Material Safety Data Sheet for health and safety information.

AVAILABILITY AND COSTS

Flextile 310 Clearset Tile Adhesive is available from Flextile Ltd. and its distributors in:

- 4 L (1.06 U.S. gals.) pails.
- 15 L (4 U.S. gals.) pails.

Cost: Data supplied upon request.

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.

April 25, 2013

