



# FLEXTECH™ 300

## BASIC USES

A unique adhesive that creates an extraordinary bond for various flooring materials and carpet. FLEXTECH 300 is often used as a substitute for polyurethane and epoxy adhesive under demanding job conditions at significantly lower costs.

Adheres: Ceramic Floor Tile and Terrazzo Tile  
Vinyl Composition Tile  
Vinyl Tile  
Secondary Backed Carpet  
Needle Bonded Carpet

Over: Concrete, Porous and Non-porous

## COMPOSITION AND MATERIALS

A premium adhesive of an advanced polymer in powder form packaged in dry Portland cement powder that is mixed with water just prior to use. Pot Life: 60 to 90 minutes. Bond set up time 15 to 60 minutes after rolling floor.

## FEATURES

- Extraordinary adhesive bond when cured
- Very high resistance to climate or temperature change.
- When fully cured, FLEXTECH 300 is not affected by direct sunlight, freeze thaw conditions or significant temperature variations within an enclosed environment.
- Water resistant, provides a secure bond over subfloors with a moisture emission of 10lbs/1000 sq. ft / 24 hours.
- Easy to mix and apply.
- Fast bonding after setting and rolling.
- Easy clean up; use clean, water dampened rag. (Do not allow adhesive to dry on the face of material installed.)

## LIMITATIONS

FLEXTECH 300 is not a floor leveler or underlayment. Flextile's FlexFlo Self-Levelling Underlayment or Flextile Patch is recommended.

- DO NOT USE FLEXTECH OVER OLD ADHESIVES
- DO NOT ALLOW FLEXTECH TO DRY OUT OR 'SKIN OVER' BEFORE INSTALLATION.

## SURFACE PREPARATION

The subfloor must be 16°C (55°F). The general area must be 20°C (70°F). Maintain those temperatures for at least 8 hours after installation.

The surface must be sound, free of dirt, dust, grease, paint, curing components or any other foreign matter. It is essential that any old

adhesive be completely removed prior to applying FLEXTECH 300 adhesive.

## APPLICATION

Remove bag from container and fill clean water up to the indicated water line on the container. Add the entire bag and mix until it is creamy and lump-free.

Use a 3.2mm x 3.2mm x 3.2mm (1/8" x 1/8" x 1/8") V-notched trowel for secondary backed carpet.

Use a 1.6mm x 1.6mm x 1.6mm (1/16" x 1/16" x 1/16") square notched trowel for vinyl composition and vinyl tiles.

Use either a 4.8mm, 6.4mm, 9.6 mm (3/16", 1/4" or 3/8") notched trowel for ceramic tiles.

Open time should not exceed 15 minutes.

## PRECAUTIONS

When mixing, wear proper protection for eyes, gloves for hands and a facemask to avoid respiratory complications.  
Do not discard powder or mixed adhesive down plumbing drains.

## CONCRETE MOISTURE EMISSIONS

Concrete moisture emission can be no greater than 10 lbs per 1000 sq. ft. per 24 hours. Always test all concrete substrates in a method compliant with ASTM F 1869-98. Moisture test kit is available from Flextile.

FLEXTECH 300 is a remarkable adhesive, but will not solve hydrostatic water conditions.

## REMINDER

Discard unused material after 90 minutes. Never discard mixture or powder down plumbing lines. FLEXTECH 300 will continue to cure in water and even when submerged in water.

## ROLLING

Thoroughly roll installed tile or carpet with 100-pound roller. It is essential to transfer adhesive to backing and to flatten trowel marks.

**COVERAGE:** Per 9.0 kg (20 lbs) Dry Mix

### Carpet:

3.2mm x 3.2mm x 3.2mm (1/8" x 1/8" x 1/8") V-notched trowel 10-11m<sup>2</sup> (110-120 ft<sup>2</sup>).

### Vinyl & Vinyl Composition Tile:

1.6mm x 1.6mm x 1.6mm (1/16" x 1/16" x 1/16") square notch trowel 17-19m<sup>2</sup> (180-200 ft<sup>2</sup>)

**Ceramic Tile:**

4.8mm (3/16") notched trowel 4-5m<sup>2</sup> (40-50 ft<sup>2</sup>)

6.4mm (1/4") notched trowel 3-4m<sup>2</sup> (30-40 ft<sup>2</sup>)

9.6mm (3/8") notched trowel 2-3m<sup>2</sup> (20-30 ft<sup>2</sup>)

**SAFETY PRECAUTIONS**

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

FLEXTECH 300 contains no solvents. Portland cement, however, can be an eye and skin irritant. Avoid skin and eye contact. In case of contact with eyes, flush with water for 15 minutes. Call physician. In case of skin contact, wash with soap and water. If irritation occurs, call physician. In case of inhalation, move person to fresh air. If respiratory distress occurs, call physician immediately.

**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. Flextile Ltd. sells its product upon the condition that customers shall conduct their own tests to determine suitability of FLEXTECH 300 for customers' intended purpose. Under no circumstances, will Flextile Ltd. be responsible for economic, special, incidental or consequential damages or losses of any kind whatsoever arising out of or occasioned by the selection, use, installation or replacement of these products

**TRAFFIC**

Restrict traffic for the first 12 hours to installation personnel.

**MAINTENANCE**

Sweep or vacuum floor after installation. After 24 hours polish may be applied to hard surface floor materials.

Restrict heavy traffic for 24 hours after installation.

**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..

**FLEXITILE PRODUCTS COMPLY WITH THE BUY AMERICA PROGRAM AS OUTLINED BY THE UNITED STATES GOVERNMENT, INCLUDING WHEN FEDERAL FUNDS ARE USED.**