

# FLEX TILE PATCH™

## DESCRIPTION

Flex tile Patch is a smooth, trowel-applied, fast-setting, polymer modified, cementitious patching and leveling compound.

## BASIC USES

- For use in thickness of feather-edge to 1/2" (12,5 mm) in filling cracks, voids or depressions in concrete and exterior grade plywood prior to installation of a floorcovering.
- Cures to provide a water resistant, high compressive strength patching compound compatible with all flooring adhesives and tile setting mortars.

## RECOMMENDED SURFACES

- Fully cured concrete.
- Exterior grade plywood, in interior dry areas only.
- When mixed with Flex tile 44, it can be used as an embossing leveler over properly prepared vinyl composition tile, vinyl sheet goods, residual cutback surfaces, and existing surfaces of tile, stone or cementitious terrazzo.

## FEATURES

- Floor covering can be installed in just 1 hour after application.
- Cement based-will not stain or mildew
- Contains no sand or coarse fillers
- Polymer modified-bonds to most substrates.
- When mixed with Flex tile 44 can be used as an embossing leveler for vinyl surfaces.
- Fast setting
- Easy to mix and spread

## LIMITATIONS

- For interior use only
- Not intended for use as an exposed traffic surface.
- Do not use over particleboard, Masonite, chipboard, OSB, metal, gypsum-based products or other dimensionally unstable or moisture sensitive substrates.
- Do not use over cushioned resilient flooring, rubber, plastic, paint, asphalt, or plywood surfaces in wet areas.
- Do not use over single layer plywood floors.
- Use only on surfaces, which are maintained at a temperature above 10°C (50°F) and below 35°C (100°F) during application and for at least 72 hours after application.

## TECHNICAL DATA

### TYPICAL PHYSICAL PROPERTIES

Pot Life	10 - 15 minutes
Final Set Approx.	40 minutes
<b>Compressive Strength</b>	
3 hours	6.7 MPa (1000 psi)
24 hours	10.7 MPa (1600 psi)
7 days	14.0 MPa (2100 psi)
28 days	20.0 MPa (3000 psi)
Specific Gravity (dry)	1.12 - 1.16
Specific Gravity (wet)	1.73 - 1.77
pH (paste)	approx. 12
Cleanability	with water before material dries
Shelf Life	1 year from production date when stored in dry, heated conditions

### Approx. coverage per 11.3 kg (25 lb) bag:

4.6 - 6.5 m<sup>2</sup> (50 - 70 ft<sup>2</sup>) @ 1.5 mm (1/16") thickness

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



## ■ INSTALLATION

### *PREPARATORY WORK*

Surfaces must be structurally sound, well cured, clean, and free of dust, oil, wax, grease, paint, curing compounds, or other materials that would adversely affect the bond. Sweep or vacuum to remove dust or surface debris. Remove any sealers or polishes with appropriate strippers and rinse thoroughly. Where necessary, scarify or sand to remove other contaminants, or to remove laitance or scaled concrete.

### *MIXING*

Do not mix more material than can be finished within 10 – 15 minutes. Approximate mixing ratio is one volume of cool, clean water to 3 volumes of FlextilePatch powder. Place water in a clean mixing vessel, and while mixing, slowly add FlextilePatch powder. Mix to a smooth, lump-free consistency.

### *APPLICATION*

Apply to substrate immediately, using a steel trowel.

## ■ CURING

Allow FlextilePatch to dry before applying flooring adhesives. Drying time will vary depending upon thickness applied, porosity of substrate, and ambient conditions. Very thin coats may dry in as little as 15 minutes, while heavier applications may require up to 2 hours drying time. Protect from traffic by other trades until floor covering is installed.

## ■ CAUTION

Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid extended contact with skin where possible and wash exposed skin areas promptly with water. If any cement or cement mixtures get into the eye, rinse immediately and repeatedly with water and get prompt medical attention. Keep out of reach of children.

## ■ SAFETY

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

## ■ AVAILABILITY

FlextilePatch is available from Flextile Ltd. and its distributors in 11.3 kg (25 lb) bags.

## ■ 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.

## ■ RELATED REFERENCES

Current editions of TTMAC 09 30 00 & TCNA Ceramic Tile Installation Manuals.



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