



**1. PRODUCT NAME**

Pro-Flex

**2. MANUFACTURER**

SUPERIOR ADHESIVES & TOOLS  
8515 Brown St. Ottawa Lake, MI 49267  
CUSTOMER SERVICE  
1-888-398-6595  
superioradhesivesandtools.com

**3. PRODUCT DESCRIPTION**

Superior Pro-Flex latex-modified mortar is a contractor-grade product which makes it the ideal product for installation of CBU, ceramic and stone tile. This smooth, creamy formulation provides easy troweling and innovative contractor-grade bond strength that exceeds industry standards. Exceeds ANSI 118.4 and 118.11.

**DESCRIPTION**

**A. Uses**

Designed for ceramic and natural stone tile for both walls and floors in interior applications. Suitable for both residential and commercial construction.

**B. Features**

- Bonds to most surfaces
- Smooth and easy to install
- Wall tile and floor tile

**C. Suitable Substrates**

- Brick masonry
- Cement backer board
- Cement mortar beds
- Cement plaster
- Cement terrazzo
- Ceramic tile and stone
- Uncoupling membranes
- Blanke Permat
- Dural Backerlite

**D. Packaging**

50 lb bag & 25 lb bag. Colors: White and Grey.

**E. Shelf Life**

15 months. Store off the ground and protect from the weather conditions.

**F. Limitations**

Use caution; do not allow mortar to freeze for the first 72 hours. Do not soak tiles prior to installation. Do not apply over asphalt sheeting, vinyl-covered wall board, Masonite, cement asbestos board, metal, glass, plastic or other unstable substrates. Improperly cured or wet plywood, particle board or strip wood are not suitable substrates. For installations that will be continually wet like swimming pools, fountains and gang showers, the completed installation should be cured a minimum of 14 days and allowed to dry before exposure to water. For white or light-colored marbles, use white mortar. Dimensional stone tile like resin-backed black, green and red

marbles may warp when installed with water-based setting materials. These water-sensitive stone tiles should be installed with Superior Pro-Epoxy.

#### 4. TECHNICAL DATA

##### **Applicable Standards**

ANSI 118.4 & 118.11

#### 5. INSTALLATION

All surfaces must be structurally sound and free of contaminants including oil, dirt, grease, paint, sealers or other chemicals and must be between 40° F and 90° F. Remove any residue from your surface prior to installation. Concrete slabs must be cured 28 days, free of efflorescence and not subject to hydrostatic pressure. Cracks, depressions or imperfections must be addressed prior to installation. Dry, dusty concrete slabs should be dampened and excess water removed. All concrete slabs must be plumb and true and meet minimum standard of 1/4" in 10 feet. Follow TCNA guidelines detail EJ-171: Movement Joints—Vertical & Horizontal or ANSI specification A108.01-3.7: Requirements for Movement Joints. Do not cover substrate expansion joints with mortar. Prior to installation, verify that subfloor assembly meets or exceeds industry standards of L/360 for ceramic tile and brick or L/720 for stone installations under live and dead loads.

##### **DESCRIPTION**

###### **A. Mixing Instructions**

Add approximately 5-5.5 qts of clean water per 50 lb of powder, or 2.5-2.75 qts of clean water per 25 lb of powder. Mix by hand or with slow-speed mixer to smooth workable consistency. Allow mortar to slake for 10-15 minutes then remix to a fluffy consistency. Remix occasionally to keep mortar workable. DO NOT temper with water.

###### **B. Application of Product**

Refer to ANSI 108.5 and the TCNA Installation Handbook. Choose appropriate trowel size to ensure full mortar coverage under your tile. It may be necessary to back butter tile with mortar prior to setting tile into fresh mortar bed. Make sure to compress all trowel ridges for complete mortar coverage. Periodically check to make sure you are achieving full coverage.

###### **C. Curing of Product**

Allow 24 hours for thinset to cure. If mortar is skimmed over, replace with fresh mortar prior to setting tile.

###### **D. Cleaning**

Clean tools with fresh water when mortar is uncured.

#### 6. AVAILABILITY

Available exclusively at The Tile Shop. Visit [www.tileshop.com](http://www.tileshop.com) to find your nearest location or call 1-888-398-6595 for more information.

#### 7. WARRANTY

#### 8. MAINTENANCE

Superior installation products require no long-term maintenance, but installation performance and durability may depend on proper maintenance of other products used during installation.



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**9. TECHNICAL SERVICES**

1-888-398-6595

**10. FILING SYSTEM**