

**1. PRODUCT NAME**

Pro-Bond LFT

**2. MANUFACTURER**

SUPERIOR ADHESIVES & TOOLS  
8515 Brown St. Ottawa Lake, MI 49267  
CUSTOMER SERVICE  
1-888-398-6595  
[superioradhesivesandtools.com](http://superioradhesivesandtools.com)

**3. PRODUCT DESCRIPTION**

Superior Pro-Bond LFT is a best-in-class polymer-modified mortar with premium non-slump characteristics making it ideal for large and heavy tile with mortar buildup to 3/4". Smooth, creamy formulation and excellent non-sag performance provides easy troweling. This innovative high-bond mortar strength exceeds ANSI 118.15.

**DESCRIPTION****A. Uses**

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

**B. Features**

- Interior and exterior
- Freeze-thaw stable
- Non-sag for wall areas
- Bonds to most surfaces
- Lightweight and easy to trowel
- Thinset or medium bed performance
- Wall tile and large format

**C. Suitable Substrates**

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

**D. Packaging**

50 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 118.15 & 118.11

	Open Time 20 min at 28 days	Glazed Wall Tile 28 day Shears Heat aging	Porcelain Shear Bonds: 7 Day Water immersion	Porcelain Shear Bonds: 28 Day	Porcelain 28 Day Freeze Thaw Shear	Quarry Tile 28-Day Shear Freeze Thaw
<b>Ansi 118.15</b>						
Minium	75	450	200	400	250	100
<b>Pro Bond LFT</b>	89	560	275	595	348	380

## 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 6.25- 6.5 qts of clean water per 50 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.

**9. TECHNICAL SERVICES**

1-888-398-6595

**10. FILING SYSTEM**