



MAXIBOND PRO™ LFT

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

MAXIBOND PRO™ LFT is a premium, polymer-modified thin-set mortar designed as a non-slumping product that is easy to apply with no tile lippage, increased bond strength, a creamy and smooth consistency and with a great open/adjustability time. This product is designed for the installation of large-format and heavy ceramic, gauged (thin) porcelain and irregular-thickness stone tile.

Available in Gray and White 50 Lb. bags

INDUSTRY STANDARDS AND APPROVALS

- Exceeds A118.4 A118.11 ANSI Requirements

WHERE TO USE

- Interior/exterior floor and wall applications.
- Installation of large-format tile, porcelain, ceramic, and natural stone.

- Via the thin-set installation method for absorptive, semi-vitreous and vitreous tile.
- Installation of quarry, Saltillo tile, brick, stone veneer, pavers, most types of marble, and granite.

SUITABLE SUBSTRATES

- Concrete.
- Properly prepared masonry, cement backer board, leveling coats, and existing ceramic tile.
- With interior dry areas, suitable for gypsum board, plywood substrates, and waterproofing crack-isolation membranes.

LIMITATIONS

- Do not apply when the temperature is below 50°F or above 90°F.
- Do not use for moisture-sensitive stone (some limestone and green granite), agglomerate tiles, or resin-backed tiles.

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- Do not use to apply over asphalt sheeting, vinyl covered wallboard, metal, glass, plastic, gypsum mortar beds or other unstable substrates.
- Do not use over dimensionally unstable substrates such as hardwood flooring, oriented strand board (OSB).
- The completed installation should be cured a minimum of 14 days and allowed to dry before exposure to prolonged water such as swimming pools, fountains, and communal showers.

SURFACE PREPARATION

- All substrates must be solid, structurally sound, stable, dry, clean, and free of any substance that may reduce proper adhesion (oil, grease, paint, sealers, wax, soap, etc.).
- Any contaminant should be mechanically removed before installation.
- In case of deviation or surface damage, patch, or level the areas using Patch Pro or Level Pro.
- In cementitious substrates, dampen surface prior to application.
- Plywood floors, including those under resilient flooring, must be structurally sound, and must meet all industry guidelines.
- The surface should be between 50°F and 90°F at the time of application.

MIXING

1. Pour cold, clean water in a container. A full bag (50 lb.) of MAXIBOND PRO™ LFT will need 7 liters (7.4 quarts) of water.
DO NOT ADD WATER TO POWDER.
2. Gradually add the powder to the water.
3. Using an electric drill with an angled cross (blade mixer), mix for 2 to 3 minutes until the material becomes a smooth, lump-free, trowelable consistency. Do not mix more material than can be used within 20 minutes.

4. Let the mixture slake or stand 5 minutes before application.
5. Stir occasionally to maintain workability, but DO NOT ADD MORE WATER; re-tempering can reduce the materials performance and bond strength. Water temperature will affect the setting time; using cold water in high temperatures and warm water in cold temperatures will help adjust mix temperature.

APPLICATION

(Refer to current ANSI A108.5 specifications and TCNA handbook guidelines.)

1. Use a properly-sized notch trowel to ensure proper coverage under tiles.
2. Using the flat side of the trowel, with pressure, apply a coat of mortar to the surface.
3. Then, with the notch side of the trowel held at a 45° angle, apply additional mortar to the surface, combing in a single direction, ensuring the maximum contact area between the tile and the surface.
4. For most LHT/LFT tiles, back-buttering of tiles is required.
5. Apply only as much mortar as can be tiled before product skins over. If the material has skinned over too dry, remove, and replace with fresh mortar.
6. Do not adjust tiles in mortar after 20 minutes. During the installation, remove a tile to ensure the mortar has not skinned over; check the tile and substrate mortar coverage.

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COVERAGE

1/4" x 1/4" x 1/4" (6 x 6 x 6 mm)	COVERS	65 - 75 ft ² (6 - 6.9m ²)
1/4" x 3/8" x 1/4" (6 x 10 x 6 mm)	COVERS	55 - 65 ft ² (5.1 - 6.0m ²)
1/2" x 1/2" x 1/2" (10 x 10 x 10 mm)	COVERS	35 - 45 ft ² (3.2 - 4.2m ²)

TECHNICAL INFORMATION

Shelf Life	2 Years
Open Time	30 min. (72.5 PSI)
Pot Life	2 hours
Adjustability Time	20 min.

ANSI SHEARBOND RESULTS @ 28 DAYS

Materials Tested	Unit of Measurement	Relative ANSI
Glazed Tile	640 PSI	ANSI A118.4
Impervious Ceramic Tile	500 PSI	ANSI A118.4
Quarry Tile to Plywood	370 PSI	ANSI A118.11

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PRECAUTIONARY STATEMENTS

- This material contains Portland cement, silica sand and polymers.
- Contact with dry or freshly mixed mortar, grout or concrete may cause skin irritation.
- If direct contact occurs, wash exposed skin areas promptly with soap and water.
- If any cement material gets into the eyes, rinse immediately and repeatedly with water, and seek prompt medical attention.
- For detailed information on how to use and handle this product safely, see the Material Safety Data Sheet.

KEEP OUT OF REACH OF CHILDREN

CEMENTPRO, as a manufacturer of processed material in the state of California, is required by Proposition 65 to provide warning that one or more of the components contained in this product could contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. The state of California requires the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacture, distribution and intended use.

WARRANTY

1-Year Product Limited Warranty.

Obtain the applicable

LIMITED PRODUCT WARRANTY

at <https://cementpro.com/warranty/>

When Maxibond Pro™ LFT is used as part of an installation system of CEMENTPRO products, this can qualify for up to a 25-year system warranty. Reference the applicable System Warranty at www.cementpro.com

For Warranty Questions:

Write to: 3929 E Guasti Rd, Unit C
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Call: (951) 300-0300 Ext. 600

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