



# Gator-Flex LHT

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## PRODUCT NAME

Gator-Flex LHT

## PRODUCT DESCRIPTION

Gator-Flex LHT is a (ANSI 118.11) latex modified, large heavy tile mortar composed of sand, cement, and resins used to adhere a variety of tile surfaces, natural stone, marble, and granite, to approved substrates. Specially formulated to hold large format tiles and stone surfaces in place on vertical surfaces, and reduces unevenness caused by setting tile on horizontal surfaces.

Gator-Flex LHT is applied in thickness from 3/16 to 3/4 inches to adhere marble, granite, and tile, to plaster, drywall, concrete, and masonry surfaces. Designed to set tiles vertically of up to 5 lbs. per sq. ft. (Larger sized units must be field tested to determine suitability).

## Typical Uses

For installation of: Ceramic tile, Pavers, Quarry tile, Porcelain tile, Clay bodied tile, high bottom lugged tile, Marble, Granite, Mosaic, Large format tiles, Vertical tile installations up to 5 lbs per sq. ft.

For installation over: Tile backerboard, Plumb and true masonry, Properly cured and finished concrete, Gypsum plaster, Gypsum block or Gypsum board (dry areas - walls only), Cured portland cement mortar, Exterior grade plywood, Plastic laminates, Masonry surfaces.

## Advantages

- Polymer-Modified Medium Bed Mortar
- Supports heavy tile and stone
- High strength for a variety of applications
- Exceeds ANSI A118.4 and ANSI A118.11 specifications
- Build up to 3/4" with minimal shrinkage
- Use in both interior and exterior applications

## Storage

50 lb. bag, 56 bags per pallet

## Storage

Store in a well-ventilated place. Keep the container tightly closed. Keep out of reach of children and pets.

## Coverage

Trowel size* and Notch	Coverage
1/2" x 1/2" Square Notch	40-50 sq. ft.
1/4" x 3/8" x 1/4" Square Notch	70-80 sq. ft.

Coverage will vary with the condition of substrate. Required trowel size will vary with the tile size, type and substrate uniformity. Select the trowel size that will ensure 100% coverage. Figures above are presented only as guidelines.

## Surface Preparation

Surfaces to receive Gator-Flex LHT must be clean and dry. Coatings, sealers, curing agents, and loose material must be removed prior to installation. All substrates must be secure and stable.

For applications using exterior grade plywood, a gap of 1/8 inch must be maintained between sheets. Wood flooring must be a minimum of one inch thick APA plywood. Deflection of the plywood substrate due to live or dead loads must not exceed 1/360 of the span. Increased thickness and strengthening of the subfloor may be required. Applications using exterior grade plywood are for interior uses not

subjected to water. Plywood must be Group One, Exterior Grade, CC or better and must be installed according to TCNA F150.

## Mixing

Add Gator-Flex LHT to approximately 5½ to 6½ quarts of clean potable water and mix to a thick trowelable consistency. Mix at low speed to avoid entraining excess air into the material. Let the material slake for 10 minutes and remix prior to use. Do not add additional water to re-temper material.

## Application

Scratch in a small amount of material onto substrate to insure proper bond, then apply additional material with a suitable trowel. It is important when adhering marble and granite that 100% coverage is obtained. When installing irregularly sized marble and granite units, back-buttering each piece and setting, using a large notched trowel is recommended. This will maximize bonding area and improve the evenness of the finished surface. Set the tile in the material with enough force to insure 100% contact and twist tile slightly. Ten minutes after the tile is set, do not adjust, move, or put pressure on the tile. Only spread enough material that can be covered with tile within 15 minutes. Remove unhardened mortar with water. Once mixed, mortar can be used for up to 4 hours. For applications over cement backerboard, adhere backerboard according to backerboard manufacturer's recommendation using Gator-Flex LHT applied to the plywood substrate. For applications over existing ceramic tile, plastic laminate, vinyl flooring (non-asbestos), or VCT residue, roughen surface with coarse sandpaper or other abrasive. Clean to remove loose material.

## Cleaning

Immediately after use, clean with water. Protect other surfaces from contact with material.

## Curing

Under normal conditions, grouting may be performed after the dry set mortar has cured 24 - 48 hours.

## WARRANTY

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control.

## MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.