



## Concrete Mix

Longleaf High Strength Concrete Mix – a preblended mix of sand, coarse aggregate and cementitious materials.



**Product Name:**

Longleaf High Strength Concrete Mix

**Manufacturer:**

Longleaf Packaging, LLC  
621 Good Farm Rd.  
Vance, SC 29163  
www.longleafpackaging.com

**Package Size:**

80 lb., 60 lb., and 40 lb.

**Features & Benefits:**

- High Strength – exceeds 4,000 psi when tested in accordance in a lab. Note: There is not a minimum strength for field tested mortars)
- For depth of 2" (51mm) or higher
- Preblended - just add water to mix

**Application:**

- Driveways or slabs
- Patios
- Walkways
- Setting posts
- Foundation of walls or footings

**Water Coverage/Yield:**

- 80 lb. bag:  
- .75 gallons water for 0.60 ft<sup>3</sup>  
60 lb. bag:  
- .54 gallons water for 0.45 ft<sup>3</sup>

**Technical Information:**

- ASTM C387 Standard Specification for Packaged, Dry, Combined Materials for Concrete

Compressive Strength ASTM C39

7 days = 2,500 psi (17 MPa)

28 days = 4,000 psi (28 MPa)

**Workmanship:**

This product should be installed in accordance of the applicable ASTM standards and the local building codes. Follow traditional industry best practices appropriate for the application and all weather conditions. Good workmanship along with proper design and details will assures adequate, reliable, and a watertight construction.

Longleaf requires that when using this product in any application or as part of any project that includes this product, the contractor/professional will test all the project components together for compatibility, performance and long-term intended use with accordance with the ASTM standards and industry standards before any construction or use. Written documentation of tests conducted should be acceptable to the contractor/professional. Test results must include the means and methods of application, products used, individual projects conditions and any other standard tests performed. All approved mock ups or samples should be retained until project is completed.



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### Mixing Instructions:

Pour 80 lb. bag into wheelbarrow or mortar pan. Form a crater in the center of the dry mix for the addition of clean potable water. For multiple bags mix with a mechanical mixer.

Excess water reduces strength and durability and may cause cracking or scaling.

### Curing:

In hot or windy conditions keep the concrete damp for curing according to ASTM?

### Caution:

Air, mix and substrate temperatures should be between 40°F (4°C) and 90°F (32°C)

Protect from freezing for 48 hours.

NOTE: Proper application and installation of all Longleaf products are the responsibility of the end user.

### Safety:

READ AND UNDERSTAND ALL THE INFORMATION ON THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS sheets are available at our website [www.longleafpackaging.com](http://www.longleafpackaging.com) under technical or call CHEMTREC at 800-424-9300.

WARNING: Wear protective clothing and equipment.

KEEP OUT OF REACH OF CHILDREN.

### Limited Warranty:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. For more warranty information, contact the Longleaf Packaging office.

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