

# CARMELO

## GROUT 3000TP

### Grout for Masonry Applications

**Product Description:** GROUT 3000TP is a single component, Portland cement based pumpable product for filling concrete masonry block core cavities. The mix is specially formulated to provide excellent flow to fill masonry voids. It is designed for building and reinforcing walls made of brick, block or stone. GROUT 3000TP is specifically designed for mortar application machines to speed up the process of filling blocks more than 300%.

#### Advantages:

- Highly flowable—excellent workability
- Batch-to-batch consistency
- Preblended to reduce labor costs
- Significantly reduces waste of materials
- High strength, strong adhesion and easy to use
- Strong bond to existing concrete and masonry
- Can be delivered in bulk
- Mix manually or apply with Mono Mix Machine<sup>1</sup>

Consistent product quality is assured by manufacturing under strict standards with quality control measures followed in the production of every batch. Sampling and testing is done as per the material applicable standards.

#### Environmental Considerations:

The product contains local regional materials, making GROUT 3000TP an environmentally friendly product. GROUT 3000TP can be delivered using Carmelo storage silo system, eliminating the use of disposable paper bags.

#### Physical properties:

**Color:**—As supplied – fine grey powder Set and dried— grey finish

**Yield** – A 50 lbs. bag will yield 0.45 ft<sup>3</sup>, equivalent to filling the cores of 3 standard 6" x 6" x 16" masonry blocks.

#### Machine mixing instructions:

- 1 The mixture is obtained by adding water into a clean container and then gradually adding the powder.
- 2 Add approximately 4.00 L (1.1 gal.) of water for each 50 lbs. bag of GROUT 3000TP to be used, until the desired flow is achieved.
- 3 The mixing process can be performed in a cement mixer, bucket with manual mixing, bucket with mechanical agitator, or using a

continuous mixer until homogeneous, lumpfree mixture is obtained.

- 4 Hand mixing of the grout is permitted only following the manufacturer instructions for mixing procedures.

#### Application:

- 1 Mix only the amount of material that can be placed in 30 minutes. GROUT 3000TP may be placed by hand or by mechanical means. The product should be mixed thoroughly to ensure that all spaces to be grouted are completely filled with the grout confined in the desired location.
- 2 The grout should be consolidated with minimal vibration to prevent segregation of the ingredients.

**Curing:** When excessive hot weather conditions are forecasted, including windy conditions, spray a mist of water to the surface to avoid excessive water loss.

**Storage:** Carmelo Products must be stored in a dry place ventilated and protected from weather and other damages. Shelf life is one year from date of purchase.

# GROUT 3000TP

## Grout for Masonry Applications

---

### Technical Data:

GROUT 3000TP meets and exceeds the performance requirements of **ASTM C476** (Standard Specification for Grout for Masonry) when used as directed.

### Limitations:

Holding to the recommended water additions is very important. Exceeding the maximum recommended water content per bag will result in inferior physical properties.

Product Details:		
Physical State	Size + Packaging	Colores
Powder	50 lbs. bag	Gray

Shelf Life + Application Properties	
Shelf Life	1 year in the original bag when kept in a dry covered place
Mixing Ratio	4.0 L (1.1 gal.) of water for each 50 lbs. bag
Water Content	15-19%
Slump	8" - 11" (200—280 mm)
<b>Compressive Strength (ASTM C-476)</b>	
28 days	3000 psi (20.7 MPa)

*Note 1: Mono Mix Machines and other mortar application machinery, are used to apply cement based mortars and deposit pumpable grouts in masonry blocks cavities.*