# NYC DOT CONCRETE MIX

**1. PRODUCT NAME:** NYC DOT CONCRETE

**2. ITEM CODE:** **90445**

**3. MANUFACTURER:**

Package Pavement Co., Inc.
675 Leetown Road, PO Box 408
Stormville, NY 12582
(800) 724-8193
FAX (845) 221-0433
www.packagepavement.com

## 4. PRODUCT DESCRIPTION

NYC DOT Concrete Mix is designed to reach over 4000 psi at 28 days if properly mixed and cured. It can be used for repairs 2" (51 mm) thick or more and is effective at repairing anything made out of concrete. (e.g.: Footings and walls, sidewalks, curbs, steps, ramps, walkways, floors and patios, rip-rap & slope protection, stepping stones, and street utility repairs.)

NYC DOT Concrete Mix consists of a uniformly blended, properly proportioned mixture of Portland Cement, Sand and Gravel as designed for use on NYC DOT projects for general purposes. Packaged in 80 lb. bags, yielding appx. 0.60 cu ft (16.99L) -- 42 Bags per Pallet.)

## 5. TECHNICAL DATA

This product is designed to meet or exceed the specifications of ASTM C-387 Standard Specifications for Packaged Dry, Combined Materials for Mortar and Concrete. NYC DOT Concrete Mix exceeds the compressive strength requirements of ASTM C-387 as shown in Table 1.

## 6. INSTALLATION

- All surfaces the concrete comes in contact with should be clean and paint, dirt and dust free.
- If using formwork, ensure that it is impervious to water and able to support the product.
- Batch to allow for a continuous pour of the product at the jobsite.
- Turn on the mixer and begin adding concrete to it. This mix is designed to be a very stiff mix (2" slump). Superplasticizers can be added to enhance workability.
- Shovel or place the concrete into the form or desired area. Spread and compact it to assure no air pockets remain. Finish as recommended by standard practices for concrete.

JD - 6/16/17

## 7. CURING

Proper curing increases strength and durability of masonry or concrete work. See ASTM C-270 Section X1.9.5.4. To achieve maximum strength, a very light wetting of the in-place masonry, such as a fog spray, can improve its quality. Curing requirements will vary depending on building materials used and weather conditions.

## 8. SAFETY AND HANDLING

Always wear dust masks, goggles, and gloves while using to avoid contact with the product. Exposure to Portland cement and sand dust over long periods of time can cause silicosis. The alkalinity of Portland can also cause severe burns if used without personal protection. If the product comes in contact with eyes, rinse them thoroughly with water and see a physician without delay.

## 9. CAUTION

KEEP OUT OF REACH OF CHILDREN. Read application and mixing instructions before using this product. CAUTION! Contains Portland cement and silica sand. May be irritating to eyes and nose. Prolonged inhalation may cause delayed lung injury, including silicosis and possibly cancer. Avoid eye contact or prolonged contact with skin. After use, wash skin thoroughly with water for at least 15 minutes. If irritation persists, consult a physician immediately. Dust mask, eye protection and gloves are recommended when handling or opening this package.

## 10. WARRANTY

PACKAGE PAVEMENT® warrants this product to be of merchantable quality when used in accordance with the instructions herein. We will not be liable for incidental or consequential damages, as defined under the uniform commercial code, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or other than the intended use. User shall determine the suitability of the product for its intended use and user alone assumes all risks and liabilities in connection therewith. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from the date it was, or reasonably should have been, found.

**TECHNICAL DATA**

## COMPRESSIVE STRENGTH INFO:

**7 DAY ——— 3300 psi.***
**28 DAY ——— 4200 psi.***

**Test Method - ASTM C1019**
**Independent results provided by Advance Testing Company, Inc.**

*** Slump at 3.75" (ASTM C143), Air at 2.7%**
**Data - 3/3/2016**

**Notice:**
The results listed may vary based on in-field conditions on the job, including but not limited to; mixing methods and equipment, application methods, temperatures and curing conditions.