

# Expo Swimming Pool Mix



## **DESCRIPTION**

### **USE:**

A complete, ready-to-use swimming pool finish that provides a dense, smooth and hard surface. Excellent for old pools where a part of the coating has detached.

### **COVERAGE:**

One 90 pound sack of Expo Swimming Pool Mix will cover approximately four to four-and-a-half square yards at a thickness of 1/4 to 3/8-inch.

### **COMPOSITION:**

Expo Swimming Pool Mix is a mechanically blended formulation of portland cement, selected and graded aggregate and other additives, packed in sealed, water resistant multi-wall bags.

### **ADVANTAGES:**

Expo Swimming Pool Mix provides a surface that is highly resistant to acids and algae. The product contains a carefully controlled selection of aggregate in both grade and color, thus providing a consistently smooth and color-true mixture. Expo Swimming Pool Mix is an excellent renovation and retrofit product.

### **COLOR:**

Expo Swimming Pool Mix is packaged in both white and grey. It is also available in custom integral colors (including black).

### **SHELF LIFE:**

Six (6) months if kept in dry condition.

## **JOB PROCEDURE**

### **SUBSTRATE:**

The surface of the cement plaster, reinforced concrete or gunit concrete must be free of dirt, dust or other foreign matter. Remove all protruding mortar and use portland cement plaster for fills as necessary to correct irregularities and obtain a true and even surface. Properly cure the base. Before any finish application, the entire surface to be covered should be wet down for several days to get deep moisture penetration. This will help control suction and aid curing of the finish.

### **HAND APPLICATION:**

If necessary, dampen surface just prior to beginning application, but have no free moisture on the surface. Material is laid on evenly with a steel trowel. When moisture has started to leave, double back and apply a second coat to desired thickness. Trowel out to an even surface for a cushion to finish trowel.

### **RENOVATIONS:**

Remove all loose material and thoroughly clean with a 20% solution of muriatic acid, then flush surface with clean water several times and allow to dry. Fill the patch in the same manner as described below for general application. All surfaces must be clean portland cement.

**MACHINE APPLICATION:**

If necessary, dampen surface just prior to beginning application, but have no free moisture on the surface. Material for the first (slurry) coat should be sprayed on the wall in a thin consistency and brushed out evenly using a coarse push broom. When free moisture has left the slurry coat and it has begun to develop suction, a somewhat heavier application of material is applied and leveled off with a steel trowel to an even surface, leaving enough material on the surface for a cushion to finish trowel.

**FINISHING TROWELING:**

This important step applies to both hand and machine applications. When all free moisture has left the surface and the initial set has begun to take place, the first steel troweling should begin. A second and third troweling should follow as necessary. Take extreme care not to trowel a dry or set surface as the steel may blacken it. Use water as a lubricant for troweling.

**CURING:**

Use a light spray of water on the surface, keeping it damp for 24 hours. Allow to dry and then fill pool using care not to damage finished surface with water pressure.

**CAUTIONS:**

Do not trowel over a set or dry surface. Do not apply any succeeding coat over a dry surface.

**MATERIAL STANDARDS:**

Portland Cement: Type 1 A.S.T.M. Designation C150-56, Federal Specification SS-C-192B.