

# PLASTER OF PARIS

Casting And Molding Material

## PATCHING/CASTING FAST SETTING

### **MANUFACTURER:**

Empire Blended Products, Inc.  
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### **PRODUCT DESCRIPTION:**

*PLASTER OF PARIS* is an ideal material for making castings. It produces chip resistant casts with a high degree of surface hardness, thus minimizing paint absorption. It can also be used to fill small cracks in plaster surfaces.

### **USES:**

- ▶ Filling small cracks in plaster surfaces
- ▶ Large or small castings
- ▶ Hobby and art projects

### **ADVANTAGES:**

- ▶ Quick setting 5 - 10 minutes initial set
- ▶ Mixes easily with water
- ▶ Crack resistant
- ▶ Produces hard, smooth, chip resistant finish

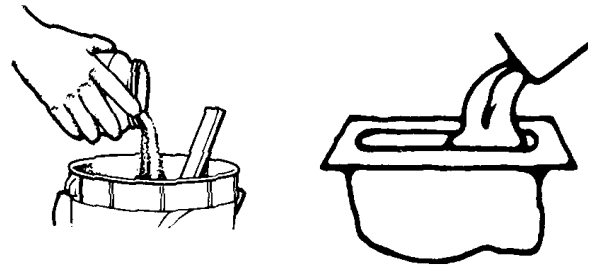
### **INSTALLATION:**

#### **Surface Preparation:**

Cast or mold must be thoroughly clean and dry. Surface need not be coated, *PLASTER OF PARIS* unmolds very easily. Mold should be ready to fill, as *PLASTER OF PARIS* sets very quickly. When used to fill a small crack in plaster surfaces, make certain all surfaces are clean and free from dirt, grease and loose particles of paint and plaster. Dig out some of the old plaster around the crack to allow the *PLASTER OF PARIS* a chance to bond. Wet the old plaster thoroughly before filling the crack.

#### **Mixing:**

Add *PLASTER OF PARIS* slowly to clean water and



mix to a pourable batter like consistency. Do not mix more material than can be used in 5 minutes. If the mix begins to harden before it has been used, discard it and mix a new batch. Never try to moisten material that has begun to set. *PLASTER OF PARIS* can be tinted with RAINBOW CEMENT COLOR to produce casts of any color. Always dry mix *PLASTER OF PARIS* and RAINBOW CEMENT COLOR before adding to water.

#### **Placement:**

Pour *PLASTER OF PARIS* into the mold while tapping the mold slightly so that no voids are formed. Overfill mold slightly and level off with a smooth straight edged tool such as a trowel or putty knife. When used to patch small cracks in plaster surfaces, use a putty knife or broad scraping knife to apply the *PLASTER OF PARIS*. Spread the material evenly and keep free from runs, sags and other blemishes. Fill all voids and imperfections and match existing surfaces in texture and finish. Final trowel after surface has become firm, holding trowel flat and using water sparingly. Do not overtrowel.

#### **Curing:**

*PLASTER OF PARIS* is self-curing. Allow cast to dry for 1 hour before removing mold.

#### **Coverage:**

1 pound of *PLASTER OF PARIS* will yield approximately 17 cubic inches.

#### **Packaging:**

Available in 1 pound boxes with sealed plastic bags (12 per carton), 5 pound boxes with sealed plastic bags (10 per carton), 10 pound boxes (6 per carton) and 25 pound multiwall paper bags with moisture barrier.

**Color:**  
White

**TECHNICAL DATA:**

Set Time (ASTM C-191)  
Initial . . . . . 5 minutes  
Final . . . . . 10 minutes  
Compressive Strength (ASTM C-109)  
28 days . . . . . 2650 psi

**LIMITATIONS:**

Do not use if temperature will fall below 40°F within 12 hours and do not apply to frozen surfaces when used for patching. For interior use only. Do not use in wet areas or where moisture may be present. Castings must be completely sealed or painted if intended for exterior use.

**CAUTION:**

Contains Calcium Sulfate. If ingested, may result in obstruction. If ingested, induce vomiting using large

quantities of milk and call physician immediately. Avoid inhalation. Use only with adequate ventilation. If affected by inhalation, get fresh air immediately. To avoid possible burns or irritation, avoid eye and skin contact by wearing safety glasses and rubber gloves. May generate enough heat to cause burns if large mass is kept in contact with skin while hardening. In case of eye contact, flush thoroughly with water and get prompt medical attention. In case of skin contact, wash thoroughly with soap and water. If irritation persists, consult a physician. **Keep Out Of Reach Of Children.**

**WARRANTY:**

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.