



# USG GYPSUM PLASTER ACCELERATORS

## For reducing the setting time of plasters and setting-type joint compounds

- Two formulations meet a variety of accelerated setting requirements: Standard Strength and Alum/Catalyst
- Products are easy to use
- USG Gypsum Plaster Accelerator: Standard Strength provides slight adjustments to set for veneer and conventional plasters
- USG Gypsum Plaster Accelerator: Alum/Catalyst corrects dry-out conditions and treats sun-faded USG Imperial® Gypsum Base

## DESCRIPTION

USG Gypsum Plaster Accelerators are additives that shorten the setting time of gypsum plaster and setting-type joint compound by causing gypsum crystals to form at a much faster rate. USG Gypsum Plaster Accelerator: Standard Strength is intended to provide a slight adjustment (10 to 30 minutes) to the setting time for veneer and conventional plasters. USG Gypsum Plaster Accelerator: Alum/Catalyst corrects plaster dry-out conditions. It may also be used to treat sun-faded USG Imperial® Gypsum Base when a lime-containing plaster is to be applied.

## DIRECTIONS

USG GYPSUM PLASTER ACCELERATOR:  
STANDARD STRENGTH

4 oz. reduces the set time by 30 minutes per bag of veneer plaster product. Sprinkle dry accelerator into the mixer after plaster has been added. For hand-mixing, dry accelerator can be added either to the dry mix or the plaster slurry. Do not add accelerator directly to the water or mix with water before adding to the plaster mix. When used in this manner, its ability to accelerate is significantly reduced. Sprinkle dry accelerator into the mixer after plaster has been added. For hand-mixing, dry accelerator can be added either to the dry mix or the plaster slurry.

USG GYPSUM PLASTER ACCELERATOR:  
ALUM/CATALYST

**To Correct "Dry-out" Conditions:** Dry-out conditions can be corrected by either of the following methods: (1) Fog-spraying the plaster with water: Spray with a garden sprayer/hose until beads of moisture remain on the surface and the plaster is totally saturated. (If dry-out shrinkage fissures have developed in the plaster, fill them by floating the surface with a wooden float after spraying.) (2) Spraying the damp plaster surface with the prepared accelerator solution, using a hand-held pressure-type garden sprayer (3-5 gal. size). Mix approximately 1/2 to 1 lb. of powdered USG Gypsum Plaster Accelerator: Alum/Catalyst to 3 gal. of water. This solution is adequate to correct all surface dry-out conditions. The application of alum solution used in combination with rewetting the affected areas will quicken the setting reaction and assist in preventing a recurrence of the dry-out condition.

**To Treat Sun-faded Gypsum Base:** When used with lime-containing plaster, such as USG Diamond® Veneer Finish, sun-faded USG Imperial® Gypsum Base face paper should be treated with USG Gypsum Plaster Accelerator: Alum/Catalyst or USG Plaster Bonder. This precaution is unnecessary when applying products that do not contain lime (USG Imperial® Veneer Finish, USG Imperial® Veneer Basecoat and USG Diamond® Veneer Basecoat).

Pour 3 lbs. of USG Gypsum Plaster Accelerator: Alum/Catalyst slowly into 1 gal. of water and mix thoroughly. Allow the solution to stand until any undissolved material has settled, then strain the solution into a tank-type sprayer (such as a garden sprayer). Spray the solution onto the faded USG Imperial® Gypsum Base face paper so that it is wet but not soaked. One gallon of solution should treat 750 sq. ft. of USG Imperial® Gypsum Base. Begin finish plaster application before face paper is completely dry. **Caution:** USG Gypsum Plaster Accelerator: Alum/Catalyst treatment shortens the setting time of USG Diamond® Veneer Finish.

## CLEANUP AND STORAGE

Clean mixing containers and tools with water immediately after use. Partially used containers should be closed as tightly as possible. Store material in a cool, dry place. Avoid direct sunlight. Maintain temperature above 40°F (4°C).

## PRODUCT DATA

**Shelf Life:** Up to two years under protected storage conditions. Rotate stock.

**Availability:** USG Gypsum Plaster Accelerators are distributed throughout the United States. Consult your USG Company sales office or representative for more information.

**Packaging:** USG Gypsum Plaster Accelerators are available in 3 lb. stand-up pouch with reclosable zipper.

### Set time chart for addition of USG Gypsum Plaster Accelerator: Standard Strength to setting-type joint compounds

Accelerator Amounts		Approximate Set Time (minutes)		
Tbbs. per Bag	Tbbs. per Bread Pan	USG Sheetrock® Brand Easy Sand™ or Durabond® 90 Joint Compound	USG Sheetrock® Brand Easy Sand™ or Durabond® 45 Joint Compound	USG Sheetrock® Brand Easy Sand™ or Durabond® 20 Joint Compound
1.0 tbsp.	0.22 tbsp.	40 min.	20 min.	10 min.
2.0 tbsp.	0.44 tbsp.	30 min.	10 min.	—
6.0 tbsp.	1.33 tbsp.	20 min.	—	—

## SUBMITTAL APPROVALS

Job Name	
Contractor	Date

### PRODUCT INFORMATION

See usg.com for the most up-to-date product information.

#### CAUTION

**USG Gypsum Plaster Accelerator: Standard Strength.** Dust from mixing may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If on skin: Wash with plenty of water. If swallowed and/or irritation persists, call a physician. Keep containers closed when not in use. For more information call Product Safety: 800-507-8899 or see the SDS at usg.com  
**KEEP OUT OF REACH OF CHILDREN.**

#### WARNING

**USG Gypsum Plaster Accelerator: Alum/Catalyst.** Causes serious eye irritation. Wear eye/face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If eye irritation persists or if you feel unwell: Get medical attention. If on skin: Wash with plenty of water. Avoid release to the environment. Store as indicated in Section 7 of SDS. Dispose of in accordance with local, state, and federal regulations. For more information call Product Safety: 800-507-8899 or see the SDS at usg.com  
**KEEP OUT OF REACH OF CHILDREN.**

#### TRADEMARKS

The trademarks USG, DIAMOND, DURABOND, EASY SAND, IMPERIAL, SHEETROCK, IT'S YOUR WORLD. BUILD IT., the USG logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

#### NOTE

Products described here may not be available in all geographic markets. Consult your USG Company sales office or representative for information.

#### NOTICE

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. For most current information, visit usg.com. 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 date it was or reasonably should have been discovered.

#### SAFETY FIRST!

Follow good safety and industrial hygiene practices during handling and installing all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read Safety Data Sheets and related literature on products before specification and/or installation.

800 USG.4YOU  
800 (874-4968)  
usg.com

Manufactured by  
United States Gypsum Company  
550 West Adams Street  
Chicago, IL 60661

P779/rev. 11-15  
© 2015 USG Corporation and/or  
its affiliates. All rights reserved.  
Printed in U.S.A.

**USG**  
IT'S YOUR WORLD. BUILD IT.™