



fast-setting concrete mix

1. Product Name

ASH GROVE® Fast-Setting Concrete Mix
Product Number: 301

2. Manufacturer

ASH GROVE PACKAGING GROUP
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3. Product Description

ASH GROVE® Fast-Setting Concrete Mix is ideal for setting posts and poles without mixing; simply pour into post hole and add water. ASH GROVE® Fast-Setting Concrete Mix can also be used for concrete slab applications requiring a rapid set time.

BASIC USE:

Recommended for installation and setting of:

- Fence Posts
- Light Posts
- Swingsets
- Metal Poles
- Satellite Dishes
- Basketball Poles

For use when building (2" or thicker):

- Slabs
- Footers
- Sidewalks

COMPOSITION & MATERIALS:

ASH GROVE® Fast-Setting Concrete Mix is a uniformly blended mixture of special fast-setting cement, sand, gravel and other approved ingredients engineered for applications requiring rapid setting time and high strength.

4. Advantages/Benefits

ASH GROVE® Fast-Setting Concrete Mix has several advantages including:

- Easy application
- 30 minutes set time
- 60 minutes walk-on time allows for same day use
- Quicker repairs than with conventional mix

5. Preparation

All surfaces that will be in contact with ASH GROVE® Fast-Setting Concrete Mix must be entirely free from oil, grease, or any other foreign substances which may interfere with the bond and chemical actions of the material. Prior to application dampen the exposed surfaces and clean



thoroughly with potable water, leaving the concrete saturated but free of standing water.

6. Mixing Instructions

For Posts & Poles:

ASH GROVE® Fast-Setting Concrete Mix does not require mixing for non-load bearing posts.

Prepare a hole that is 3 times the diameter and 1/3 the length of the post or pole to be installed. Compact the bottom and sides of the hole. Place the post in the center of the posthole and evenly pour a 4" layer of dry concrete mix directly into the posthole. Pour water into the dry mix until the powder is saturated with water. Use approximately 1 gallon of water per 50 lb. bag. For deep holes, alternate combining dry mix and water to ensure thorough mixing of ingredients.

For Slabs, Curbs, etc.:

Pour the dry cement-based material into a wet mixing container. Add water slowly, mixing thoroughly until concrete reaches a 'plastic-like' consistency. Avoid a 'soupy' mix; too much water will weaken the concrete.

Do not mix more material than can be used in 20 minutes. Weather conditions may affect set times. Hot weather speeds up the setting time; use cold water to lengthen set times. Cold weather slows down setting time; use warm water to reduce set times.

For colored concrete, ASH GROVE® Cement Color can be added and mixed thoroughly into the dry cement-based material prior to adding water to achieve decorative and creative colors. Available colors are red, black, buff and brown.

7. Placement

Starting in a corner, shovel or pour concrete into a dampened form. Do not drag or flow the concrete unnecessarily. Uniformly fill to depth of form, completely filling the form area.

Strike off and float immediately with a straight edged board, such as a 2x4 board, by moving the board back and forth across the surface in a sawing motion. Level off any remaining surface ridges and/or imperfections with a darby or bull float. Allow concrete to stiffen slightly, making sure all surface water has evaporated before troweling.

8. Curing

For proper curing keep the new concrete surface covered and damp for five to seven days after pouring or simply apply ASH GROVE® Cure & Seal by spraying or rolling after the concrete surface has hardened but is still damp. If



fast-setting concrete mix (cont.)

ASH GROVE® Cure & Seal is applied to the new surface then covering is not needed. (Note: ASH GROVE® Cure & Seal is not recommended for use under cold weather conditions.) Properly moistened and cured concrete is stronger than air cured concrete. After concrete has cured, remove forms.

In cold weather, use warm water and protect concrete from freezing for at least 48 hours using plastic sheeting and insulation blankets if temperatures are expected to fall below 32° F.

9. Technical Information

ASTM SPECIFICATIONS:

- Meets requirements of ASTM C-387 specifications when used as directed.

COMPRESSIVE STRENGTH:

- 2 hours 400 psi (2.8 Mpa)
- 1 day 1,000 psi (6.9 Mpa)
- 7 days 2,500 psi (17.2 Mpa)
- 28 days 4,000 psi (27.6 Mpa)

SET TIMES:

- Set time is 30 minutes.
- Weather conditions may affect set times.
Hot weather accelerates set times; mix with cold water.
Cold weather slows down set times; mix with hot water

10. Limitations

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

Concrete will not bond well to wood, asphalt, or any other foreign substances.

Do not place when temperatures are below 40° F. In cold weather, use warm water and protect from freezing for 48 hours.

11. Coverage

For Posts & Poles:

Two 50 lb. bags will set a 4" diameter post in a 10" diameter hole 2 feet deep.

For Slabs, Curbs, etc.:

One 50 lb. bag (22.68 kg) yields approximately ½ cu. ft.

12. Warning

ASH GROVE® Fast-Setting Concrete Mix contains cement and sand. Normal safety wear such as protective clothing, boots, rubber gloves, dust masks, eye safety glasses should be worn while handling cement-based products. Material Safety Data Sheets are available upon request or at www.ashgrovepkg.com.

13. Limited Warranty

This product meets or exceeds applicable ASTM C-387 standards in force at the time of packaging. Packager, having no control over the use of the material, does not

guarantee finished work. Replacement of any defective product or refund of the purchase price of defective product shall be the buyer's sole remedy under this warranty. THIS LIMITED WARRANTY EXCLUDES ANY LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT OR SPECIAL DAMAGES.

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