



packaging

quickset



1. Product Name

ASH GROVE® Quickset
Product Number: 403

2. Manufacturer

ASH GROVE PACKAGING GROUP
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3. Product Description

ASH GROVE® Quickset is designed for structural repairs to vertical and overhead concrete and masonry surfaces and is perfect where rapid-setting repairs and immediate use of the repair surface is required. ASH GROVE® Quickset is moldable, ideal for repairing broken edges of concrete curbs and steps without the use of forms.

BASIC USE:

Recommended for repair of:

- Curbs
- Steps
- Precast
- Concrete Pipes
- Floors
- Pavements
- Roads
- Bridges

COMPOSITION & MATERIALS:

ASH GROVE® Quickset is a scientifically formulated blend of portland cement, graded aggregates, and proprietary additives designed to provide a rapid setting, strong, and durable patching material for repairs.

4. Advantages/Benefits

ASH GROVE® Quickset has several advantages including:

- Set time of 20 minutes
- Withstands foot traffic in 4 hours
- No forms or temporary bracing needed
- Strong, durable bond to existing concrete and masonry
- Suitable for vertical, horizontal or overhead applications

5. Preparation

Remove all broken and loose concrete, grease, oil, paint or any other foreign material from the surface area to be repaired. Slick or smooth surfaces must be thoroughly roughened to ensure strong bond with the material.

Prior to application dampen the surface to be repaired and clean thoroughly with potable water, leaving the surface

saturated but free of standing water. Use a pressure washer to clean the surface, for best results.

6. Mixing Instructions

Add ASH GROVE® Quickset to the required amount of water. Mix thoroughly by hand or with a slow speed drill and mixing blade until reaching a uniform consistency (approximately 3 minutes).

Consistency and strength of the material depends upon the amount of water used. For best results, use ASH GROVE® Bonding & Fortifier Admixture. See table below for recommended amounts:

GENERAL USE	QUICKSET	WATER ONLY	BONDING & FORTIFIER ADMIXTURE AND WATER
For Horizontal Applications	10 lbs. 50 lbs.	1 qt. 4 qt.	8 oz. Admixture + 24 oz. water 1 qt. Admixture + 3 qt. water
For Vertical Applications	10 lbs. 50 lbs.	18 oz. 3 qt.	6 oz. Admixture + 12 oz. water 1 qt. Admixture + 2 qt. water

7. Placement

Use a trowel to place the mixture onto the repair surface and work the mixture into the original concrete or masonry. Lightly trowel to desired finish.

For overhead applications, the repair thickness should not exceed 1" per application.

For optimum performance, apply when temperatures are between 50° F and 90° F. Weather conditions may affect quality and effectiveness of bond to concrete.

8. Curing

For proper curing protect the new surface from heat and direct sun for 24 hours. Do not wet the surface once the material has set. Maintain at least 40° F for 24 hours after application.

9. Technical Information

ASTM SPECIFICATIONS:

- Meets requirements of ASTM C-928 specifications when used as directed.

SET TIME:

ASTM C-191

- Initial Set 20 minutes
- Final Set 30 minutes

COMPRESSIVE STRENGTH:

ASTM C-109

- 4 hours air cured 3,100 psi (21.3 Mpa)
- 24 hours air cured 4,200 psi (28.9 Mpa)
- 7 days air cured 5,600 psi (38.6 Mpa)
- 28 days air cured 7,500 psi (51.7 Mpa)



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quickset (cont.)

FLEXURAL STRENGTH:

ASTM C-580

- 7 days air cured 1,290 psi (8.8 Mpa)
- 28 days air cured 1,600 psi (11.6 Mpa)

10. Limitations

Adhering to recommended water and/or ASH GROVE® Bonding & Fortifier Admixture additions is very important. Exceeding the maximum recommended amounts per bag will result in inferior physical properties.

A bonding agent such as ASH GROVE® Bonding & Fortifier Admixture is recommended for maximum adhesion to old concrete surfaces.

Do not apply when temperatures are below 50° F or above 90° F.

11. Coverage

Coverage will vary depending on the substrate and the type of texturing applied. One 50 lb. bucket (22.68 kg) yields approximately 25 sq. ft. at ¼" thickness.

4.5 sq. ft. ¼" thick 10 lb. bucket (4.54 kg)
25 sq. ft. ¼" thick 50 lb. bucket (22.68 kg)

12. Warning

ASH GROVE® Quickset contains portland 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-928 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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