



Portland Limestone Cement Type IL (13)

1. Product Name

ASH GROVE® Portland Limestone Cement Type IL (13)

2. Manufacturer

ASH GROVE - SOUTH
4750 E C 470
Sumterville, Florida 33585
Phone: 352-559-9974
Email: sales@ashgrove.com
Website: www.ashgrovesouth.com

3. Product Description

ASH GROVE® Portland Limestone Cement Type IL (13) may be mixed with aggregates to form a premium concrete, mortar or stucco mix. Type IL cement is suitable for most concrete applications. Portland Limestone Cement Type IL (13) is engineered with a higher limestone content than ASH GROVE® Portland Type I/II Cement, which can reduce your Portland Cement carbon footprint by approximately 10%. Portland Limestone Cement Type IL (13) provides a more environmentally friendly product while maintaining similar mixing, handling, strength, durability, and resilience to ASH GROVE® Portland Type I/II Cement.

BASIC USE:

Recommended for construction applications requiring: Concrete Mix, Mortar Mix, Stucco Mix, Precast, and Parging.

COMPOSITION & MATERIALS:

ASH GROVE® Portland Limestone Cement Type IL (13) is a high quality, general purpose portland cement formulated and manufactured for a wide variety of concrete construction applications. Portland Limestone Cement Type IL (13) is formulated to provide the similar characteristics of Type I Portland Cement, as well as the moderate sulfite resistance of Type II Portland Cement and lower heat hydration characteristics of Moderate Heat Portland Cement.

4. Mixing Instructions

Portland cement is designed for combining with sand, rock, and water to produce concrete, mortar, and stucco mixes.

For Concrete

Mix ASH GROVE® Portland Limestone Cement Type IL (13), sand, and rock in specified proportions to meet specifications.

For Mortar

Mix according to ASTM C-270 Table 2. Lime should be Type S and meet ASTM C207 specifications. Sand should meet ASTM C-144 specifications.

For Stucco

Mix according to ASTM C-926 Tables 1, 2, & 3. Lime should be Type S and meet ASTM C207 specifications. Sand should meet ASTM C-897 specifications.

Add adequate amounts of water to the dry mixture to achieve desired workability and consistency. Avoid a 'soupy' mix; too much water will weaken the concrete, mortar and/or stucco mix.

The mixture should be mixed for 5 minutes after all materials are in the mixer. The use of a machine mixer is recommended to ensure all ingredients are thoroughly combined.

5. Technical Information

TECHNICAL SERVICE:

ASH GROVE® personnel are available to provide technical assistance by contacting 352-559-9974.

6. Limitations

In the event of a discrepancy, governing ASTM standards and building codes shall prevail.

7. Packaging

94 lb. bag (42.6 kg)

8. Warning

ASH GROVE® Portland Limestone Cement Type IL (13) contains portland cement. Normal safety wear such as protective clothing, boots, rubber gloves, dust masks, eye safety glasses should be worn while handling cement-based products. Safety Data Sheets are available upon request or at www.ashgrovesouth.com

9. Limited Warranty

This product meets or exceeds applicable ASTM C-595 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. Packaged Cement should be stored appropriately in a dry location above the ground. Contact with humidity and carbon dioxide in the air will cause deterioration in cement performance.

Portland Limestone Cement Type IL (13) (cont.)

THIS LIMITED WARRANTY EXCLUDES ANY LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT, OR SPECIAL DAMAGES. EXCEPT FOR THE LIMITED WARRANTY MADE ABOVE, PACKAGER SPECIFICALLY DISCLAIMS AND EXCLUDES ANY OTHER EXPRESS WARRANTY, ANY IMPLIED WARRANTY OF MERCHANTABILITY OF GOODS AND ANY IMPLIED WARRANTY OF FITNESS OF GOODS FOR ANY PARTICULAR PURPOSE.

Ash Grove reserves the right to change specifications without notice.