

SPECIFICATION

Data Sheet

PRODUCT NAME

American Cement
Portland Type I/II Cement

MANUFACTURER

American Cement Company, LLC
4750 E C 470
Sumterville, Florida 33585
Phone: 352-569-5393
Fax: 352-569-5397
Email: sales@americacementcompany.com
www.americacementcompany.com

PRODUCT DESCRIPTION

Basic Uses:

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

Type I/II Portland Cement is formulated to provide the basic performance characteristics of Type I Portland Cement, as well as the moderate sulfite resistance and lower heat hydration characteristics of Type II Portland.

Type I and Type II Cements are suitable for most concrete applications requiring:

- Concrete Mix
- Mortar Mix
- Stucco Mix
- Precast
- Parging

Size:

American Cement's Type I/II Cement is available in 94 pound bags and in bulk via pressurized air tankers.

Applicable Standards:

American Cement's Type I/II Portland meets requirements of ASTM C-150 specifications when used as directed.

INSTRUCTIONS PER BAG

Type	Sand	Gravel	Concrete
I/II	2 Parts	3 Parts	5.17 cubic feet or 15 square feet of concrete at 4 inch thick

INSTALLATION

Mixing:

For Concrete Mix (ASTM C-387):

Mix 1 part Portland Cement, 2 parts All-Purpose Sand, and 3 parts All-Purpose Gravel. Sand and gravel should meet ASTM C-33 specifications.

For Mortar Mix (Type S ASTM C-270):

Mix 1 part Portland Cement, ½ part Lime, and 3½ to 4½ parts Mortar Sand. Lime should be Type S and sand should meet ASTM C-144 specifications.

For Stucco Mix (ASTM C-926):

Mix 1 part Portland Cement, ½ part Lime, and 4½ to 6 parts Plaster Sand. Lime should be Type S and sand should meet ASTM C-897 specifications.

Then 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 3 to 5 minutes after all materials are in the mixer. Use of a machine mixer is recommended to ensure all ingredients are thoroughly combined.

MAINTENANCE

American Cement's Type I/II Portland 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.

GUARANTEES

American Cement's Type I/II Portland Cement, when mixed with sand and gravel and tested according to proper specifications will produce concrete that complies with the requirements for Types I and II Portland. This product meets or exceeds ASTM C-150 and AASHTO specifications.

TECHNICAL SERVICE

American Cement Company personnel are available to provide technical assistance by contacting 1-866-757-5393.

