

PORTLAND CEMENT



Building the future™

PRODUCT DESCRIPTION

Portland Cement

Type I, Type IA, Type III, Type V, Portland-Pozzolan Cement.

Basic Use

Use Portland Cement in concrete for bridges, walls, culverts, floors, pavements, sidewalks, pipe, railway structures, reinforced concrete buildings, tanks and reservoirs, as well as for masonry units and other precast products.

Type I

This general-purpose cement is suitable for all uses where the special properties of other types of Portland Cement are not required.

Type II

A cement that is typically used in concrete exposed to moderately aggressive environments where sulfate concentrations in groundwater and soils are higher than normal, but not unusually severe. Also, use Type II when a cement of moderate heat of hydration is required.

Type III

This cement provides high early strength at an early period (usually a week or less) when compared with Type I. Type III has much finer particles than other cements, and has shorter set times. It is typically used in applications such as precasting or prestressed concrete where early strength gain and quick form turnaround is desired.

Type V

A cement that is typically used in concrete exposed to severe sulfate environments, primarily where soils or groundwaters have a high sulfate content. Type V gains strength more slowly than Type I.

TECHNICAL DATA

Applicable Standards

The following standards are related to the use of CEMEX's Portland Cements:

ASTM C-150, C-595, C-1157, AASHTO M85 and UBC 19-1

Portland Cement can also be used to produce stucco per ASTM C-926, Table 3 & 4, and can be used to produce mortar per ASTM C-270, Table 1 and UBC 21-15, Table 21.15B.

Users should follow the proportioning, mixing, and placement procedures as outlined in applicable standards from the ASTM and the American Concrete Institute. For detailed information, contact your CEMEX office, and ask for Technical Services.

AVAILABILITY

CEMEX's Portland Cements can be ordered by contacting any of the following CEMEX offices.

Alabama	(800) 854-2872
Arizona	(602) 416-2600
California	(909) 974-5478
Colorado	(800) 848-5871
Florida	(800) 727-6261
Georgia	(800) 367-1668
Kentucky	(800) 626-6117
Ohio	(800) 848-3498
Pennsylvania	(800) 245-1705
Tennessee	(800) 352-7582
Texas-Balcones	(800) 492-9004
Texas-Odessa	(800) 927-4838



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U.S. OPERATIONS HEADQUARTERS

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