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## Types of Cement and What They do

Portland Cement is a type of cement, not a brand name. Many cement manufacturers make Portland Cement.

**Type 1**  
normal portland cement. Type 1 is a general use cement.

**Type 2**  
is used for structures in water or soil containing moderate amounts of sulfate, or when heat build-up is a concern.

**Type 3**  
high early strength. Used when high strength are desired at very early periods.

**Type 4**  
low heat portland cement. Used where the amount and rate of heat generation must be kept to a minimum.

**Type 5**  
Sulfate resistant portland cement. Used where the water or soil is high in alkali.

Types IA, IIA and IIIA are cements used to make air-entrained concrete. They have the same properties as types I, II, and III, except that they have small quantities of air-entrained materials combined with them.

These are very short descriptions of the basic types of cement. There are other types for various purposes such as architectural concrete and masonry cements, just to name two examples.

Your ready mix company will know what the requirements are for your area and for your particular use. Simply ask them what their standard type of cement is and if that will work fine for your conditions.

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