

TYPE I/II (MS) Portland Pozzolan

Phoenix Cement Type IP (MS) cement meets all chemical and physical requirements of the current ASTM Specification C 595 and ASTM C 1157 for Type MS, as well as the requirements of UBC Standard 19-1 and IBC 2000, 1903.2 for Types IP and IP (MS) blended hydraulic cements. A blend of Phoenix Cement Company Type I/II (LA) and ASTM C 618 Class F fly ash which is interground at the mill, Type IP (MS) is a general, all-purpose cement for use in most general construction applications where a typical Type I/II cement would be used.

Strength, Set Time and Pumping Ability

Phoenix Cement Type IP (MS) is designed to provide strength development and setting characteristics closely matching those of a typical Type I or Type II cement. Note that no further substitution of cement with fly ash or other pozzolan is necessary or recommended.

Due to the spherical particle shape of the fly ash, the ball bearing effect in concrete leads to superior pumpability and homogeneity

Durability

As an intimate blend of Type I/II low alkali cement and Class F fly ash, Phoenix Cement Type IP (MS) provides superior resistance to sulfate attack. ACI 232.2, Use of Fly Ash in Concrete recommends Type II cement and Class F fly ash as superior to Type V cement alone for the high resistance to sulfate attack.

The low alkali cement portion combined with the Class F fly ash greatly minimizes the potential for damage due to alkali-aggregate reactivity.

Uniformity

Testing after the blending process ensures consistency in strength, color, fineness, chemical composition and set time.

The Class F fly ash is subject to a rigorous quality assurance program meeting our own requirements that far exceed those of ASTM C 595, C 1157, UBC 19-1 and IBC 2000.

Convenience

For producers with limited silo space or who simply want the many benefits of utilizing fly ash, Phoenix Cement Type IP (MS) is the logical choice.

Availability

Produced year-round at our Clarkdale manufacturing facility 100 miles north of Phoenix. Phoenix Cement Type IP (MS) is available in bulk and sack, by rail or truck, 7 days a week.

Phoenix Cement Company has manufactured cement specifically designed for the Southwest since 1959. This experience enables Phoenix Cement Company to continue to provide some of the highest quality cement products available. Phoenix Cement Company is an entity of the Salt River-Pima-Maricopa Indian Community.



Phoenix Cement Company

8800 E. Chaparral Rd., Suite 155 Scottsdale, AZ 85050
(480) 850-5757 Fax: (480) 850-5758
www.phoenixcement.com



PHOENIX CEMENT

