

RAPID POWER TYPE III (LA) Portland Cement

Phoenix Cement Rapid Power Type III (LA) meets all chemical and physical requirements of the current ASTM Specification C 150 and C 1157 HE, High Early Strength, and the UBC 19-1 and IBC 2000, 1903.2 for Type III, low alkali portland cement. Rapid Power Type III (LA) is a high early strength cement suitable for use in most general construction applications.

Strength and Set Time

Due to a higher fineness, Rapid Power Type III produces higher early-age strengths in concrete.

In tests comparing Type I/II cement to Rapid Power Type III (LA), average one-day strengths were 30% higher in mixes utilizing Rapid Power Type III cement.

Initial set times (by Vicat method) for Rapid Power Type III (LA) are approximately 20 to 25 % faster than our Type I/II cement.

Durability

Rapid Power Type III (LA) is safe for use in any application where protection against moderate sulfate attack is required.

The (LA) designation indicates low alkali requirements of ASTM C 150 are met, thereby reducing the potential for damage due to alkali-aggregate reactivity.

Economy

Rapid Power Type III (LA) can provide high early strengths more

economically than richer mixes utilizing a Type I/II cement.

Applications

Due to early-age strength development, Rapid Power Type III (LA) is excellent for:

- "Fast Track" paving or pavement repairs that must be put into service quickly
- Precast/prestressed and other cast structures that require early form removal
- Cold weather concrete applications where controlled curing period is shortened
- Earlier splitting and reduced breakage in concrete masonry production

Availability

Rapid Power Type III (LA) is produced year-round at our Clarkdale manufacturing facility 100 miles north of Phoenix. It 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

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