B & H DISTRIBUTORS, INC.
11724 Industriplex Blvd., Suite D
BATON ROUGE, LOUISIANA 70809
Phone (225) 755-7949 1-800-844-5860

Rapid Set® Cement

TECHNICAL DATA

DESCRIPTION:

RAPID SET® CEMENT is a unique dry hydraulic cement. NO CHLORIDES ARE ADDED. When used as a replacement for Portland Cement, and mixed with water and suitable aggregates, it produces a quality concrete which attains 2000+ psi compressive strength in one hour and is ready for use.

APPLICATIONS:

As a Portland Cement replacement, **RAPID SET® CEMENT** is ideal for applications where quick concrete strength is required, including repairs of highways, runways, sidewalks, and floors.

AVAILABILITY:

Through distributors in 50 lb. and 88 lb. polyethylene lined bags. Also available in some locations in bulk.

FEATURES AND BENEFITS:

RAPID SET® CEMENT sets and gains strength rapidly. Almost zero shrinkage results, even when placed at high slump.

Additives available for use include **RAPID SET® SET CONTROL™** and **RAPID SET® ACCELERATOR™**. These are used to delay the set and to accelerate the set.

As a binder for very low strength concrete, **RAPID SET® CEMENT** is used at about 100 lbs./yd. with sand and water. The resulting mix is typically poured in a utility cut area. The slurry is firm enough to walk on in an hour. Contact **RAPID SET®** for details.

DIRECTIONS FOR CONCRETE REPAIR:

Remove all unsound concrete keeping edges and corners square. Adjacent concrete should be free of oil, grease, laitance and debris. Dampen area with water. Mix **RAPID SET® CEMENT** with sand, aggregates, water and, if desired, an air entraining agent for freeze/thaw protection.

DURABILITY:

With 6% air entrainment, Rapid Set® Concrete withstands 1,000 cycles of freeze/thaw when tested in accordance with ASTM C 666.

A slump of about six inches is used for ease of placement and to assure a good bond. The working time for **RAPID SET® CEMENT** concrete is about 20 minutes at 70 degrees F. (longer at lower temperatures, shorter at higher temperatures). It is important that the placement operation be organized within this time limitation. After setting, the concrete will gain strength quickly, and finishing operations may be difficult. The working time may be extended by using cold materials and/or **RAPID SET® SET CONTROL™.** In cold weather, warm materials and/or **RAPID SET® ACCELERATOR™** may be used to hasten the set and strength development.