

## INFORMATION

# CA-EX7

### DIATOMACEOUS EARTH EXTENDER

#### DESCRIPTION

CA-EX7 is a special grade of diatomaceous earth for use as an extender to formulate low-density cement slurries. Its properties are:

Form	Light, Gray Powder
Specific Gravity	2.1
Bulk Density	16.67 lb/cu.ft.
Absolute Volume	0.0572 gal/lb.

#### APPLICATION

CA-EX7 allows the use of relatively large amounts of fresh or salt water in cement slurries with little or no separation. Slurry densities as low as 10.5 ppg with yields as high as 5.12 cu ft per sack cement can be made. CA-EX7 is compatible with most cement additives and any standard accelerator or retarder can be used with it.

#### RECOMMENDED TREATMENT

CA-EX7 can be mixed in amounts equal to 10, 20 or 40% by weight of cement. However, the use of saturated salt water as the mix water for 10 to 20% CA-EX7 slurries causes a 30 to 50% reduction in compressive strength compared to similar slurries formulated with fresh water.

There is no decrease in strength in a 40% CA-EX7 slurry with saturated salt mix water.

#### PACKAGING

CA-EX7 is available in 50 lb sacks.

CA-EX7 is a Messina trademark