HIGH STRENGTH CONCRETE MIX
5000 PSI

HIGH STRENGTH CONCRETE MIX is a quality blend of Portland cement, graded sand, stone/gravel and other ingredients. It is designed to be used in applications at least 2 inches thick. Especially designed for structural and load bearing applications including footings, foundations, slabs and for anchoring posts or supports. Ideal for use in cold weather applications. Meets or exceeds the specifications of ASTM C387 for High-early strength concrete. Air entrained version available.

COMPRESSIVE STRENGTH:

3 days	2500 psi (17.2 MPa)	Slump Range 2" - 3"
7 days	3500 psi (24.1 MPa)	
28 days	5000 psi (34.5 MPa)	

MIXING:

One 80 lb. (36.2 kg) bag will require up to 4 quarts (3.7L) of water. Thoroughly mix the contents of the bag with 3 quarts (2.8L) of water, adding the remaining water a little at a time if the mix is too stiff. *Adding too much water will weaken the mix and may cause cracking in the surface.*

FINISHING:

Use a screed or straight edge to level the surface. Allow the surface water to disappear before finishing. Trowel to a smooth finish, but do not overwork the surface. *Over-troweling or finishing the surface too soon can lead to scaling, cracking or dusting of the surface.*

CURING:

High Strength Concrete Mix cures under proper moisture and temperature conditions. It's important to keep the surface damp for several days after placement. Methods include misting, applying a curing agent or placing plastic or wet burlap over the surface. Protect the placed concrete from freezing for at least 24 hours after placement.

COVERAGE:

One 80 lb. bag will yield approximately .60 cubic feet. To estimate the number of 80 lb. bags needed for a job, multiply the length x width (in feet) x depth (in inches), then divide by 8.

SAFETY:
Before using this product, read the Material Safety Data Sheet (MSDS).
WARNING:
Wear protective clothing and equipment as needed. Read specific warnings on the package for inhalation, eye and skin contact. KEEP OUT OF REACH OF CHILDREN.

Vita-Crete
Enriched Cement Mixes Since 1959