

BARRIER-CRETE WATER REPELLENT CONCRETE

Barrier Crete concrete mixes, as the name implies, create a barrier to water intrusion by producing concrete that is less permeable and more water repellent. Barrier Crete concrete protects the owner's investment by providing concrete that is resistant to the negative influences of water and vapor transmission into and through concrete.

What is in Barrier Crete?

Barrier Crete mixes are formulated with the highest quality materials available, including mineral and chemical admixtures, as well as a water repellent admixture.

What is the water/cement ratio of Barrier Crete?

Barrier Crete mixes are designed with a maximum water/cement ratio of 0.45, although Barrier Crete mixes with lower water/cement ratios are also available.

What compressive strength can be expected for Barrier Crete?

Barrier Crete mixes will meet specifications for 4000 psi and can be formulated to achieve higher strengths.

How should Barrier Crete be handled?

Barrier Crete mixes are designed with ease-of-placement in mind, however, it is worth noting that, to achieve desired results, it is important that best quality practices for placing, finishing, and curing are followed.

Will Barrier Crete help resist sulfate conditions?

Barrier Crete mixes, due to the materials included and designed water/cement ratios, will impart improved resistance to sulfate damage. Contact a Central Concrete representative to insure that the exact Barrier Crete mix used addresses the particular sulfate conditions.

How much does Barrier Crete cost?

Barrier Crete is economically advantageous when compared with conventional concrete including "waterproof" materials. At the same time, it is important to consider how utilizing a water-resistant, water repellent concrete (Barrier Crete) may eliminate the need for other products such as vapor barriers, sealers, etc. and the labor needed to use those products.

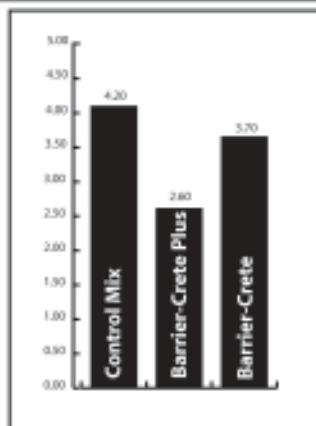
What is Barrier Crete Plus?

Barrier Crete Plus mixes include an additional super-fine mineral admixture, which makes the concrete even denser and more impermeable by filling voids and reacting chemically with by-products of cement hydration.

How to order?

If you want water-tight concrete at an affordable cost, contact your local Central Concrete Supply sales representative for more details...

Results of water absorption test ASTM C642 (modified)



72 Hrs. Soak - All concrete samples were cured for 28 days before testing began.

Contact us toll free 1 (866) 404-1000 or visit us on the web - www.centralconcrete.com