

# ADDITIVE COMPARISON MATRIX



## Save Money by Replacing or Reducing Multiple Admixtures

**EdenCrete™** does the job of several different types of admixtures you may already use. Typically, the addition of **EdenCrete™** improves the efficiency of other admixtures already in the concrete mix. Whether your goal is to reduce permeability, improve flexural, tensile and/or compressive strength, or improve resistance to surface abrasion and shrinkage, **EdenCrete™** gives you the option to replace or reduce the amount of other admixtures normally required to achieve the desired results; saving you money.

## Works Well with Other Concrete Additives

**EdenCrete™** is neutral and non-reactive. It can be used in mixes containing any of the various admixture chemistry-types commonly in the market. Unlike chemical concrete admixtures that can impact the workability, color or effectiveness of your mix. **EdenCrete™** does not require altering formulations or procedures to get the mix you want. It offers a wide range of compatibility for contractors, architects and ready mix companies.

## Excellent Workability

Since **EdenCrete™** works on the nano-level to build strength, there is no impact on the fresh properties, including workability or finish-ability of your concrete; unlike synthetic macro fibers.

Product	Increases Compressive Strength	Increases Split-Tensile Strength	Increases Flexural Strength	Reduces Shrinkage	Reduces Permeability	Increases Abrasion Resistance	Drawback
<b>EdenCrete</b>	●	●	●	●	●	●	None
Fibers [PP, PVA, Acrylok]		●	●	●			Reduced workability, difficult to handle
Shrinkage Reducers				●			Strength reduction, expensive, reduces workability
Steel Reinforcement	●		●	●			Vulnerability to corrosion, and weight
Surface Hardener					●	●	Compatibility issues [alkali-silica]
Silica Fume, Fly Ash	●				●	●	Expensive, increased water, hard to handle
Steel Fibers	●	●					Reduced workability, difficult to handle

**Harness the strength of carbon nanotubes for your next pour.** Developed by Eden Innovations, **EdenCrete™** is a carbon nanotube-enriched liquid additive that elevates concrete structures to new levels of strength and toughness. When added to concrete mixtures, it performs like multiple additives rolled into one: It boosts surface abrasion resistance and produces extremely low permeability while improving tensile-strength like no other product on the market today.