

HIGH-RANGE WATER REDUCER FOR CONCRETE

(ASTM C-494 TYPE A&F; AASHTO M-194 TYPE A&F; CRD C-87 TYPE A&F)

- DESCRIPTION** PolyStrong HP superplasticizer is a polycarboxylate-based full range water reducing admixture designed to provide optimum results at all levels of dosage rates. It will meet and exceed the requirements of both a Type A (water reducing), and Type F (high-range water reducing) admixtures. Its linear characteristics will improve the properties of concrete in both ready-mix and precast applications.
- ADVANTAGES** PolyStrong HP provides:
- A fast reacting slump enhancer
 - Full range of water reduction can be achieved with one product.
 - Enhances the pumpability, placement and finishability of all concrete.
 - Develops a superior finish in all formed surfaces.
 - Enables the placement of low water to cement ratio concrete mixes
 - Allows compaction with minimal vibration.
- PERFORMANCE** PolyStrong HP optimizes the performance of concrete under the most demanding conditions:
- Increases compressive strength and flexural strength performance at all ages.
 - Improves the setting times and strength development of concrete in all stages.
 - Develops a highly fluid plasticized concrete for self consolidating concrete (SCC)
 - Delivers high early strength concrete
- DOSAGE RATES** PolyStrong HP has a recommended dosage rate of up to 2 fl. oz./cwt (295 mL/100 kg) for Type A applications, 3-6 fl. oz./cwt (195-390 mL/100 kg) for use as a mid range, and up to 18 fl. oz./cwt (1,120 mL/kg) for Type F applications. The exact dosage depends upon a number of variables and is best determined through field evaluations and the recommendations of a Great Eastern representative.
- NON-CHLORIDE, NON-CORROSIVE** PolyStrong HP admixture will not initiate or promote corrosion of reinforcing steel embedded in concrete, pre-stressed concrete or concrete placed on galvanized steel floor and roof systems. Calcium chloride is not an added ingredient in the manufacture of PolyStrong HP.
- COMPATIBILITY** Compatible with all Great Eastern Technologies, LLC admixtures, as well as most admixture manufacturers. Do not directly mix PolyStrong HP with naphthalene-based admixtures or air entraining admixtures. For recommendations contact your Great Eastern representative.
- PACKAGING** Bulk, 55-gallon drums
- PRECAUTIONS** Care should be taken to maintain above freezing. Product should be mixed before using. Do not use pressurized air for agitation.



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CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION.

Great Eastern Technologies, L.L.C. warrants its products to be free of manufacturing defects and that they will meet Great Eastern Technologies', L.L.C. current published physical properties when applied in accordance with Great Eastern Technologies', L.L.C. directions and tested in accordance with ASTM and Great Eastern Technologies, L.L.C. standards. There are no other warranties by Great Eastern Technologies, L.L.C. of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with the product. Great Eastern Technologies, L.L.C. shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty, whether expressed or implied, including any warranty of merchantability or fitness for a particular purpose or from any other cause whatsoever. Great Eastern Technologies, L.L.C. shall also not be responsible for use of this product in a manner to infringe on any patent held by others.