

WATER-REDUCING ADMIXTURE FOR CONCRETE - NORMAL SETTING

ASTM C-494 TYPE A; AASHTO M-194 TYPE A; CRD C-87 TYPE A

DESCRIPTION	Chemstrong® A is a normal-setting, water-reducing admixture for concrete. This multi-component, concentrated liquid admixture reduces up to 10% of the mixing water required for concrete of a given consistency or slump. Chemstrong® A increases efficiency of cement hydration while NOT adding any chlorides to the mix.	
ADVANTAGES	Improvements in Plastic Concrete Improves workability Reduces segregation Superior finishing for smoother surfaces	Improvements in Hardened Concrete Increases compressive and flexural strengths Reduces permeability for more watertight concrete Renders air-entrained concrete more resistant to freezing and scaling Develops a superior appearance of finished concrete
NON-CHLORIDE, NON-CORROSIVE	Chemstrong® A 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 Chemstrong® A.	
PERFORMANCE	Typical results for water reduction, strength and setting time:	
	Per Cubic Yard:	
	Cement	517 lbs./cu.yd.
	Water, gals.	41.0
	Chemstrong® A, fl. oz.	0
	Slump, inches	4
	Initial Set, hrs.	4.6
	Compr. Str. 7 day, psi	2940.0
	Flex. Str. 28 day, psi	4127.0
	Shrinkage, 28 day, %	0.032
	Bleeding, mi/sq. cm. Surface	0.19
		Chemstrong® A Treated
		517 lbs./cu.yd.
		37.1
		2.25 fl. oz./100 lbs. cement
		3.75
		4.9
		3593.0
		4970.0
		0.026
		0.09
DOSAGE	Chemstrong® A is used at the rate of 3+1 fl. oz. per 100 lbs. cement (195 to 590 mL per 100 kg).	
COMPATIBILITY	Chemstrong® A is compatible with air-entrained mixes and is recommended for use in all concrete, including pre-stressed concrete and concrete containing aluminum conduit. When used with air-entrained mixes, it must be added separately to the concrete. For recommendations, contact your Great Eastern Technologies representative.	
PACKAGING	Bulk, totes, 55-gallon drums, 5-gallon pails	
PRECAUTIONS	Care should be taken to maintain product temperature above 40° F. Refer to MSDS for chemical properties.	

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**KEEP CONTAINER TIGHTLY CLOSED.
 KEEP OUT OF REACH OF CHILDREN.
 NOT FOR INTERNAL CONSUMPTION.
 FOR INDUSTRIAL USE ONLY.
 CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION.**

Great Eastern Technologies (GET) warrants its products to be free of manufacturing defects and that the admixtures will meet GET's current published physical properties when applied in accordance with GET's directions and tested in accordance with ASTM and GET's standards. There are no other warranties by GET of any nature whatsoever, expressed or implied. GET shall not be liable for damages of any sort. GET shall also not be responsible for use of this product in a manner to infringe on any patent held by others.