

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

PERFORMANCE Typical results for water reduction, strength and setting time:

Per Cubic Yard:	Untreated	Chemstrong® A Treated
Cement	517 lbs./cu.yd.	517 lbs./cu.yd.
Water, gals.	41.0	37.1
Chemstrong® A, fl. oz.	0	2.25 fl.oz./100 lbs. Cement
Slump, inches	4	3.75
Initial Set, hrs.	4.6	4.9
Compr. Str. 7 day, psi	2940.0	3593.0
Flex. Str. 28 day, psi	4127.0	4970.0
Shrinkage, 28 day, %	0.032	0.026
Bleeding, mi/sq. cm. Surface	0.19	0.09

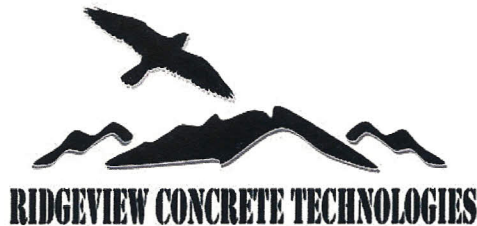
DOSAGE RATES CHEMSTRONG® A is used at the rate of 3+1 fl. oz. Per 100 lbs. Cement (195 to 590 mL per 100 kg).

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.

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 RCT 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.**

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

CHEMSTRONG® A