



Technical Data Sheet

FLOWKRETE-N™

Normal Set Water Reducer Concrete Additive

PART 1: GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

FLOWKRETE-N™ is a normal-set water-reducing concrete admixture. It is a highly processed liquid admixture that reduces the water/cement ratio and increase workability, while not increasing the setting time of the concrete. FLOWKRETE-N™ used at high dosages will produce high strength concretes with no retardation and qualify as a medium range water reducer.

1.2 ADVANTAGES:

- Increases strength by reducing water requirement by 5% to 18%.
- Reduces cracking by minimizing plastic shrinkage.
- Improves workability; particularly at low slumps.
- Normal initial set additive. Does not delay proper placement and finishing.
- Can be used as a medium range water reducer.
- Additive can be added at jobsites to reduce slump.

PART 2: TECHNICAL DATA

FLOWKRETE-N™ does not entrain air, but is generally compatible with most air-entraining agents. It can also be used in conjunction with accelerators, fly ash and other admixtures. (Consult with a Conspro technical representative for advice on admixture combinations). FLOWKRETE-N™ meets ASTM C494, Type A. Standard Specification for chemical admixture for concrete.

2.1 RECOMMENDED DOSAGE:

FLOWKRETE-N™ is dosed as follows:

2.5 to 8.0 ML per Kg of cement.

4 to 12 fluid ounces per 100 lbs of cement.

*Consult with a Conspro corp. technical representative for advice on admixtures combinations.

PART 3: INSTRUCTIONS

3.1 APPLICATION

FLOWKRETE-N™ is introduced into the concrete with the mixing water. The product dosage is variable according to the ambient temperature and concrete workability desired. Product can be used by ready mixed concrete companies or in small concrete drum mixers.

Measure initial batch water for the concrete mix. Add the required Flowcrete-N™ to the batch water. Premix water and additive. Amount of Flowcrete™ additive depends on the Portland cement weight employed in the concrete mix recipe and the slump desired. Add Portland cement, sand and aggregates to complete the concrete mix design. Blend all ingredients thoroughly. Place and finish concrete per ACI specification.

3.2 CLEANUP

Wash hands and tools promptly with water and soap immediately after use.

PART 4: PRECAUTIONS

Avoid breathing product vapors or mist. Use only with adequate ventilation. Can cause eye, nose and throat irritation. Could be harmful if swallowed. KEEP OUT OF REACH OF CHILDREN. Carefully read and follow all cautions and warnings on product label and SDS.

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Check our website for the latest version of the Technical Data Sheet



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