



OT-3083

## ADMIXTURE FOR CONCRETE

# POWDERED ANTI-WASHOUT C61 ADMIXTURE

### ADVANTAGES:

- Reduces washout and mass loss of the concrete mortar fraction
- Reduces and may eliminate concrete bleed water
- Dramatically increases the cohesiveness of the mix consistency
- Reduces segregation in high water-cementitious and high slump mixes
- Maintains normal setting characteristics
- Can be introduced at the batch plant or jobsite
- Dewatering costs are reduced and may be eliminated

### APPLICATIONS:

- All types of underwater placements where normal concrete or placing methods would result in large mass loss of concrete from washout
- Highly fluid self-consolidating concrete mixes that require the use of a viscosity modifier to eliminate segregation. Mixes requiring reduction or elimination of bleed water.

### PACKAGING:

Available in 1, 5 and 10 yard dosages contained in water soluble bags. Custom packaging and dosages can be manufactured per customer request.

ANTI-WASHOUT C61 ADMIXTURE is a water-soluble powdered polymer that prevents concrete from washing out by dramatically increasing the cohesiveness and viscosity of the concrete mix during underwater concrete placements.

ANTI-WASHOUT C61 ADMIXTURE inhibits external water from blending with the plastic concrete and dramatically reduces washout of the cement mortar fraction.

### MIX DESIGN:

A normal water-reducing admixture, such as FINISHEASE NC, LC-400 or a high range water reducing admixture such as SUPERFLO should be incorporated into all mixes containing ANTI-WASHOUT C61 to produce pumpable and flowing concrete with high slump and superior resistance to washout.

It is recommended that all underwater concrete be placed continuously by tremie pipe or through a concrete pump.

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### RECOMMENDATIONS:

ACI-304R, Chapter 8 (Concrete Placed Underwater), suggests certain mix proportions for underwater placements. Here are some examples:

- Slump range 6 to 9 in. (150 to 230 mm)
- Air content – 5%
- Minimum cementitious of 600 lbs/yd. (356 kg/m)
- 45% to 55% fine aggregate by volume all aggregates
- Pozzolanic admixtures, such as fly ash, should be used at rate of 15% of total cementitious

### TECHNICAL NOTE:

ANTI-WASHOUT C61 should be incorporated into the mix after all other ingredients have been added and completely mixed; it can be added at the batch plant or jobsite, and when used within the recommended dosage range, has very little effect on set time.

### Slump:

Underwater concrete mix designs should be placed at between 8 and 10 inch slumps. A decrease in slump should be expected after the addition of this product.

The information contained in this safety sheet is aimed at creating a guide for the selection and use of the product. However, we are not responsible for any use not recommended by ChemTron. See SDS for additional specifications

PROFESSIONAL CONCRETE PRODUCTS

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