



EUCLID CHEMICAL

# EUCON AWA

## ANTI-WASHOUT ADMIXTURE

### DESCRIPTION

**EUCON AWA** is a ready to use liquid admixture designed to prevent the loss of cement and fine aggregate during the placement of underwater concrete. **EUCON AWA** is a blend of different powerful ingredients and colloidal agents that act primarily on the water preventing the cement paste from washing out during casting under water. **EUCON AWA** provides superior slump retention while greatly reducing the environmental impact due to cement wash out in below water applications.

### PRIMARY APPLICATIONS

- Underwater bridge repair
- Dam repair below the waterline
- Underwater grouting and mortar application
- Damming underground rivers/lakes in mining operations
- Anti-segregation aid for use with lightweight and heavyweight aggregates
- Reduction or elimination of concrete bleed water for use with fast track construction

### FEATURES/BENEFITS

- Minimal environmental impact due to cement washout
- Eliminates the need for expensive de-watering during underwater construction
- Greatly reduces or eliminates concrete bleed water
- Superior slump retention
- Does not effect water demand when slump is maintained
- Easily metered with standard admixture dispensing equipment

### TECHNICAL INFORMATION

#### Appearance

**EUCON AWA** is a medium viscosity, dark brown liquid which will not discolor concrete.

### PACKAGING

**EUCON AWA** is packaged in 275 gal (1041 L) totes, 55 gal (208 L) drums and 5 gal (18.9 L) pails.

### SHELF LIFE

6 months in original, unopened container.

### SPECIFICATIONS/COMPLIANCES

- Meets ASTM C 494 Types S

## DIRECTIONS FOR USE

### Underwater Applications

To reduce the washout of cement and fine aggregates when placing concrete underwater, 10 to 32 oz per 100 lb (0.65 to 2.1 L/100 kg) of cement is recommended. At a dosage rate of 25 oz per 100 lb (1.6 L/100 kg) of cement, set retardation may be 6 to 10 hours. In non air entrained concrete applications, the concrete should be batched and the slump adjusted either with water or HRWR prior to the addition of EUCON AWA.

Do not use water to adjust slump after EUCON AWA has been dispensed, instead, adjust slump through the use of a superplasticizer such as EUCON 37. Contact Euclid Chemical for a product recommendation.

If air entrainment is desired, the addition of the air entraining admixture should be done at the beginning of the batching sequence. EUCON AWA should be added before the HRWR to insure an adequate air void system.

For further recommendations on underwater concreting and underwater concrete mix designs, please consult the ACI 304, "Measuring, Mixing, Transporting and Placing Concrete".

## PRECAUTIONS / LIMITATIONS

- Do not allow material to freeze
- Superplasticizers must be used to increase slump after the addition of EUCON AWA
- Significant set retardation may occur with the use of this product
- In all cases, consult the Safety Data Sheet before use.

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