



## THE EUCLID CHEMICAL COMPANY

19218 REDWOOD ROAD • Cleveland, OH 44110  
(216) 531-9222 • (800) 321-7628 • FAX (216) 531-9596  
www.euclidchemical.com

# EUCON AWA

## ANTI-WASHOUT ADMIXTURE

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**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 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

### APPEARANCE

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

### PACKAGING

EUCON AWA is packaged in 55 gallon (208 liter) drums and 5 gallon (18.9 liter) pails.

### DIRECTIONS FOR USE

#### **Underwater Applications:**

To reduce the washout of cement and fine aggregates when placing concrete underwater, 10-32 oz per 100 lb (0.65-2.1 L/100 kg) of cement is recommended. The concrete should be batched and the slump adjusted with either water or a superplasticizer prior to the addition of EUCON AWA.

At a dosage rate of 25 oz per 100 lb of cement (1.6 L/100 kg), set retardation may be 6-10 hours.

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 added before EUCON AWA.

For further recommendations on underwater concreting and underwater concrete mix designs, please consult the ACI Manual of Concrete Practice 304 R, Chapter 8.

#### **Anti-Segregation Application:**

To reduce segregation in a concrete mix containing lightweight or heavyweight aggregates, 1-15 oz per 100 lb (0.07-0.98 L/100 kg) of cement is recommended. Air entraining admixtures should be added before the addition of EUCON AWA.

### PRECAUTIONS/LIMITATIONS

- Do not allow material to freeze
- Air entraining agents must be added last
- Superplasticizers must be used to increase slump after the addition of EUCON AWA
- Significant set retardation may occur with the use of this product



Form Eucon AWA - 8.00

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