EUCON WRX
WATER REDUCING, SET RETARDING ADMIXTURE

DESCRIPTION

EUCON WRX is a liquid, water reducing and set retarding admixture for concrete formulated for air stability. EUCON WRX shows improved setting and finishing characteristics when compared to other commonly used ASTM C 494 Type A water reducers. EUCON WRX contains no added chlorides or chemicals known to promote the corrosion of steel.

PRIMARY APPLICATIONS

- Flatwork concrete
- General ready mix concrete
- Architectural concrete
- Mass concrete
- Bridge decks
- Hot weather concrete

FEATURES/BENEFITS

Plastic Concrete
- Improves finishability
- Improves workability
- Reduces water requirement
- Reduces segregation
- Improves setting times

Hardened Concrete
- Increases strength at all ages
- Reduces permeability
- Improves finished appearance
- Reduces cracking
- Increases durability
- Non staining

TECHNICAL INFORMATION

Performance Data

The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd³ (307 kg/m³) cement content and similar (± 0.5)% air content.

These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C 494. Changes in materials and mix designs can affect the dosage response of EUCON WRX.

Eucon WRX Compressive Strength Data (psi)

Eucon WRX Set Time Results (hr:min)
**Packaging**

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

**Shelf Life**

1 year in original, unopened container.

**Specifications/Compliances**

EUCON WRX meets or exceeds the requirements of:
- ASTM C 494, Type A & D
- AASHTO M 194

**Directions for Use**

EUCON WRX is typically used at dosages of 2 to 10 oz per 100 lbs (130 to 650 mL per 100 kg) of cementitious material. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON WRX has been tested per ASTM C494 at a Type A dosage of 3 fl oz/cwt (195mL/100 kg) of cementitious materials and at 7 fl oz/cwt (460 mL/100 kg) of cementious materials for Type B and D requirements.

EUCON WRX is formulated to maintain a stable air content where conventional water reducing admixtures have shown a tendency to produce erratic air contents.

EUCON WRX should be added to the initial batch water of the concrete mixture. Do not dispense onto dry cement. Because of variations in job conditions and concrete materials, dosages other than the recommended amounts may be required. In such cases, contact your local Euclid sales representative. Trial mixes should be performed to determine the adequate air entraining admixture dosage.

**Precautions/Limitations**

- Care should be taken to maintain EUCON WRX above freezing, however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Never agitate with air.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data sheet before use.

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