**EUCON X20**

**Mid Range Water Reducing Admixture**

### Description

**EUCON X20** is an unique mid range water reducing and plasticizing admixture that is manufactured with state of the art chemistries to provide exceptional slump retention without excessive retardation in warm temperatures. EUCON X20 shows improved finishing characteristics when compared to other commonly used Type A or F water reducing admixtures. EUCON X20 contains no added chlorides or chemicals known to promote the corrosion of steel.

### Primary Applications

- Flatwork concrete
- Architectural concrete
- General purpose ready mixed concrete
- Hot weather concreting

### Features/Benefits

**Plastic Concrete**

- Improves finishability
- Improves workability
- Reduces water requirement
- Exceptional slump retention in hot weather

**Hardened Concrete**

- Increases all strength
- Reduces permeability
- Improves finished appearance
- Reduces shrinkage
- 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 X20.

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**Eucon X-20 Compressive Strength Data (psi)**

- Reference
- 6 oz/cwt
- 13 oz/cwt

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<th></th>
<th>3 Day</th>
<th>7 Day</th>
<th>28 Day</th>
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**Eucon X-20 Set Time Results (hr:min)**

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<tr>
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**PACKAGING**
EUCON X20 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 X20 meets or exceeds the requirements of:
- ASTM C 494, Type A and Type F
- AASHTO M 194

**DIRECTIONS FOR USE**
EUCON X20 is typically used at dosages of 3 to 15 oz per 100 lbs (200 to 975mL per 100 kg) of cementitious material.

Dosage recommendations depend on the characteristics of the materials being used in the mix design. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials used.

EUCON X20 should be added to the initial batch water when possible. It should not come in contact with dry cement or other admixtures until they are mixed with the concrete batch. Field testing is strongly recommended to optimize dosage range and performance expectations with local materials. EUCON X20 is compatible with Euclid Chemical admixtures.

**PRECAUTIONS/LIMITATIONS**
- Care should be taken to maintain EUCON X20 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Never agitate with air or an air lance.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.