**EUCON LR**

**WATER REDUCING AND SET RETARDING ADMIXTURE**

**DESCRIPTION**

**EUCON LR** is a water reducing and set retarding admixture for concrete. This versatile admixture will help produce predictable concrete and provide the right amount of retardation when it is required. **EUCON LR** shows improved finishing characteristics when compared to untreated concrete. **EUCON LR** contains no added chlorides or chemicals known to promote the corrosion of steel.

**PRIMARY APPLICATIONS**

- Flatwork concrete
- Architectural concrete
- General purpose ready mixed concrete
- Mass concrete
- Bridge decks
- Hot weather concreting

**FEATURES/BENEFITS**

- **Plastic Concrete**
  - Improves finishability
  - Improves workability
  - Reduces water requirement
  - Extends setting times
- **Hardened Concrete**
  - Increases compressive 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 LR**.

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**Eucon LR Compressive Strength Data (psi)**

<table>
<thead>
<tr>
<th></th>
<th>3 Day</th>
<th>7 Day</th>
<th>28 Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>2210</td>
<td>3150</td>
<td>4300</td>
<td></td>
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</table>

**Eucon LR Set Time Results (hr:min)**

<table>
<thead>
<tr>
<th></th>
<th>Reference</th>
<th>6.5 oz/cwt</th>
</tr>
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<tbody>
<tr>
<td>0:00</td>
<td>4:50</td>
<td>5:55</td>
</tr>
</tbody>
</table>

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**Master Format #:**

- 03 30 00
- 03 40 00
- 03 70 00
EUCON LR is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails.

1 year in original, unopened package.

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

EUCON LR is normally used at dosages of 3 to 10 oz per 100 lb (200 to 650 ml per 100 kg) of cementitious material, depending on the application. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON LR 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.

Care should be taken to maintain EUCON LR 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.