EUCON A+
TYPE A - WATER REDUCING ADMIXTURE

DESCRIPTION
EUCON A+ is a fast setting, water reducing and plasticizing admixture for concrete. It shows improved setting and finishing characteristics when compared to other commonly used Type A water reducing admixtures. EUCON A+ contains no added chlorides or chemicals known to promote the corrosion of steel.

PRIMARY APPLICATIONS
- Flatwork concrete
- Architectural concrete
- Ready mixed 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 in 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 A+.

Eucon A+ 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>Reference</td>
<td>2593</td>
<td>3469</td>
<td>4100</td>
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<tr>
<td>6 oz/cwt</td>
<td>2593</td>
<td>4590</td>
<td>4590</td>
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</tbody>
</table>

Eucon A+ Set Time Results (hr:min)

<table>
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<th></th>
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<th>5:10</th>
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</thead>
<tbody>
<tr>
<td>Reference</td>
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<td>6:00</td>
</tr>
<tr>
<td>6 oz/cwt</td>
<td>1:12</td>
<td>7:12</td>
</tr>
</tbody>
</table>

Master Format #:
03 30 00    03 40 00
03 70 00
**Packaging**

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

**Directions for Use**

EUCON A+ is typically used at dosages of 3 to 8 oz per 100 lbs (200 to 520 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 A+ has been tested per ASTM C494 Type A at a dosage of 6 fl oz/cwt (390mL/100 kg) of cementitious materials.

EUCON A+ 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.

**Precautions/Limitations**

- Care should be taken to maintain EUCON A+ 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.

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