EUCON DX
WATER REDUCING ADMIXTURE – ASTM C 494 TYPE A

DESCRIPTION
EUCON DX is a ready-to-use strength increasing water reducing liquid admixture for concrete. It is an aqueous solution of hydroxy-carboxylic acids and a catalyst which provides a better hydration of the cementitious material. EUCON DX contains no added chlorides or chemicals known to promote the corrosion of steel.

FEATURES/BENEFITS
- Provides a reduction of 5% to 10% of the total water in the mix depending on the quantity and characteristics of the cementitious material
- Recommended if the cement has a very low sulphate content
- Synergistic effects when combined with an air entraining agent such as AIREXTRA
- Little to no effect on air
- Generally increases compressive strength by 15-25%
- Can be used in combination with superplasticizer for high performance concrete
- Works well with pozzolan material such as silica fume, fly ash, and slag
- Provides better workability and exceptional hydration
- Recommended for concrete where increased bleeding is desirable.

TECHNICAL INFORMATION
Compressive Strengths* (MPa)

<table>
<thead>
<tr>
<th>Age</th>
<th>Reference</th>
<th>EUCON DX</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 days</td>
<td>17.3</td>
<td>22.5</td>
</tr>
<tr>
<td>7 days</td>
<td>21.1</td>
<td>26.5</td>
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<tr>
<td>28 days</td>
<td>25.8</td>
<td>31.0</td>
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Physical Properties
- Specific gravity (25° C): 1.150
- % of solids by weight: 28.5
- pH: 8.5

*According to ASTM C 494 qualification results.
Consult your EUCLID representative for additional information or technical assistance.

PACKAGING
EUCON DX is available in bulk as well as in containers of 1000, 205 or 20 L.

SHELF LIFE
1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES
- EUCON DX meets all requirements of ASTM C 494 Type A.
- EUCON DX is approved by the Quebec Ministry of Transportation.
**Directions for Use**

EUCON DX should be introduced in the mix a few seconds after the cementitious material and water come into contact. This will maximize the workability gain and ensure better cementitious particle dispersion. It should not be in direct contact with dry cement. Always add independently of other admixtures.

Dosage may vary from 150 to 250 mL/100 kg of cementitious material, however EUCON DX has been tested per ASTM C494 Type A at a dosage of 185 mL/100 kg of cementitious material.

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**

- EUCON DX is not W.H.M.I.S. regulated.
- Care should be taken to maintain EUCON DX above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.