DeCAL 2095

High Range Water Reducing Superplasticiser Powder

DeCAL 2095 is an extremely high efficiency modified polyacrylate anionic superplasticiser.

Key Function - **High range water reducer**

1. **Typical Properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>White powder</td>
</tr>
<tr>
<td>% Active Polymer:</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Ionic Character:</td>
<td>Anionic</td>
</tr>
<tr>
<td>Bulk Density:</td>
<td>0.4-0.5</td>
</tr>
<tr>
<td>pH (0.5% in water):</td>
<td>5.5-6.0</td>
</tr>
</tbody>
</table>

2. **Application:**

DeCAL 2095 has applications in mortars, concretes, self-levelling systems, adhesives and grouts.

DeCAL 2095 has a very high deflocculation effect which allows it to maintain the dispersed state for longer periods when compared to conventional plasticisers.

**DeCAL 2095 benefits:**

- Prevents bleeding/segregation
- High early and final strength
- Good compatibility
- High water reduction
- Used for self levelling and self-compacting concretes
- Pre-cast concretes with low water/cement ratios
Incorporation:

DeCAL 2095 should be added directly to dry mix at the early stages of batch preparation. Activation in the wet state is rapid and a minimal wet mixing time of 2-3 minutes is recommended. Typical dosage rates are in the order of 0.1%-0.3% of the dry powder weight.

3. Safety & Handling:

DeCAL 2095 should be handled in accordance with good industrial practice. Detailed information is provided in the Safety Data Sheet.

4. Storage:

DeCAL 2095 has a shelf life of 2 years when stored correctly in a dry environment (5-35°C).

We hope this information will be of value and if necessary we will be glad to offer additional technical advice. Please note that all our information is given in good faith, we can assume no responsibility for any liability incurred. Data and results should be confirmed by the Buyer by testing the product under its intended conditions of use.

Version 0.0.  15.07.15