PRODUCT DATA SHEET

Plastiment® RTD-01

WATER REDUCING AND SET RETARDING

DESCRIPTION
A versatile and economical water reducing and set retarding concrete admixture with a wide dosage range. Complies with A.S.T.M. C 494-92 Type B & D

USES
Plastiment® RTD-01 is used advantageously whenever:
• High quality structural concrete is required.
• Placing conditions are difficult.
• Workability must be improved.

CHARACTERISTICS / ADVANTAGES
Plastiment® RTD-01 is a ready to use concrete admixture which provides the following properties:
• Improve workability of the fresh concrete.
• Controlled extension of setting times.
• Long lasting control of workability of concrete.
• Accelerated hardening after setting.
• Reduce shrinkage and creep.
• Chloride free.

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Chemical base</th>
<th>A blend of specially selected raw materials</th>
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<tbody>
<tr>
<td>Packaging</td>
<td>220 kg drum</td>
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<td>Bulk delivery</td>
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<tr>
<td>Appearance / Colour</td>
<td>Liquid / Dark brown</td>
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<tr>
<td>Shelf life</td>
<td>12 months from date of production if stored properly in undamaged unopened, original sealed packaging.</td>
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<tr>
<td>Storage conditions</td>
<td>Store in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost.</td>
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<td>Density at +20 °C</td>
<td>1.125 ± 0.005 kg/L</td>
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</table>

TECHNICAL INFORMATION

Concreting Guidance
The standard rules of good concreting practice, concerning production and placing, are to be followed. Laboratory trials before concreting on site are strongly recommended when using a new mix design or producing new concrete components. Fresh concrete must be cured properly and as early as possible.
Recommended Dosage

0.2 % - 0.6 % by weight of cement
It is advisable to carry out trial mixes to establish the exact dosage rate required.

Compatibility

Plastiment® RTD-01 is compatible with all types of Portland cement including SRC.

APPLICATION INSTRUCTIONS

DISPENSING

Plastiment® RTD-01 should be dispensed directly into the mixing water prior to its addition to the aggregates.
When accidental overdosing occurs, Plastiment® RTD-01 does not entrain excessive amounts of air, however the set retarding effect increases. During this period the concrete must be kept moist in order to prevent premature drying out.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

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