

# REC FAST SET 104

## SETTING AND HARDENING CHLORIDE-FREE ACCELERATOR

### DESCRIPTION

Rec Fast Set 104 is a chloride-free, setting and hardening accelerator for shotcrete and reinforced concrete. Added in the mixing water, it allows fast form removal and faster construction process, whether in prefabrication or on-site placement.

### PRIMARY APPLICATIONS

- Cold-weather concreting
- Heavy or light prefabrication
- Admixture to dry-mix shotcrete

### PROPERTIES

If Rec Fast Set 104 is used in the proportion of 1% to 2% of cement mass, cement hydration, and setting will be accelerated, thus reducing at 5°C the initial and final setting times by 40% to 60% compared to the reference test. If it is used in the proportion of 3% of cement mass, mechanical properties will not be affected, and the beginning of setting will be identical to properties obtained at standard temperature of 20°C. Rec Fast Set 104 speeds up formwork rotation and can be used with heated concrete

### TECHNICAL INFORMATION

|                  |                    |
|------------------|--------------------|
| Appearance       | Transparent liquid |
| Specific gravity | 1.25 ± 0.03        |
| PH               | 8± 1               |
| Chloride Content | < 0.1g/lit. (NIL)  |

APPLICABLE STANDARDS Applicable standard: ASTM C 494 Type C

### SHELF LIFE

12 months in dry conditions and original packaging. To be stored protected against frost. In case of frost recovers its properties after progressive thawing

### DIRECTION OF USE

**MIXING** Add Rec Fast Set 104 to the mixing water.

#### PRECAUTIONS

- Never concrete when the aggregates are frozen.
- In cold weather the proportion must not be lower than 300 kg/m<sup>3</sup>.

#### TESTS

It is recommended to carry out preliminary testing before using the product on site.

#### DOSAGE RATES

Recommended dosage: from 1% to 4% of cement mass. The same ratio should be reduced from the mixing water

### PACKING

Rec Fast Set 104 is supplied in 5KG ,25 KG and 200 KG

## HEALTH & SAFETY

In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention. paste. Use surface adhesion.

## QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality

## DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their applications are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that the Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office.

## NOTE

The information included on this Technical Data Sheet is the sole property of Reckon Chemicals Pvt Ltd. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.

**WARRANTY:** The Reckon Chemicals (Pvt.) Ltd. (Reckon) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Reckon, no other representations or statements made by Reckon or its representatives, in writing or orally, shall alter this warranty. Reckon MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Reckon product fails to conform with this warranty, Reckon will replace the product to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Reckon does not authorize anyone on its behalf to make any written or oral statements which in any way alter Reckon's installation information or instructions in its product literature or on its packaging labels. Any installation of Reckon products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Reckon's products for the Buyer's intended purposes.

RECKON CHEMICALS PRIVATE LIMITED  
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE  
Tel: +92-42-35452620, +92-42-35230419  
Web: [www.reckonchemicals.com](http://www.reckonchemicals.com)  
Email: [Info@reckonchemicals.com](mailto:Info@reckonchemicals.com)

