

# REC PLAST SP31

**HIGH RANGE WATER REDUCING SUPER PLASTICISER SPECIALLY DESIGNED FOR PRE CAST CONCRETE**

## DESCRIPTION

**REC PLAST SP31** is super plasticizing admixture formulated from selected polymers specially designed to enable the water content of the concrete to perform more effectively with higher developed early strength, this effect can be used to improve workability, to increase ultimate strengths or to facilitate a reduction in the cement content while sustaining mix properties. **REC PLAST SP31** is chloride free.

## PRIMARY APPLICATIONS

**REC PLAST SP31** is recommended for use in conditions such as:

- Low water cements ratios.
- To produce high quality concrete of improved durability and water tightness.
- Pre-cast concrete.
- Early concrete strength requirements.
- High strength concrete.

## FEATURES/BENEFITS

**REC PLAST SP31** provides for the following:

- Improved workability without increased water content.
- High reduction in water without loss of workability.
- Improved early and long-term strengths.
- Chloride free - does not attack reinforcement.

## COMPATIBILITY

**REC PLAST SP31** is compatible with other Reckon admixtures used in the same concrete mix.

If more than one type of admixture will be used in the concrete mix, they must be dispensed to the concrete separately.

## STANDARDS

**REC PLAST SP31** complies with the EN934-2, BS 5075, & ASTM C494, Type C and E.

## TECHNICAL INFORMATION

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| Color                      | Brown liquid                                                                 |
| Specific gravity           | 1.24 ± 0.01                                                                  |
| Chloride content (BS 5075) | Nil                                                                          |
| Air entrainment:           | Less than 2% additional air is entrained above control mix at normal dosages |

## DIRECTIONS FOR USE

**REC PLAST SP31** can be added to the mixing water prior to its addition to the concrete mix, or dispensed separately after the addition on mixing water.

## DOSAGE

Dosage of **REC PLAST SP31** will vary depending on cement content and outside temperature. Required dosage should be determined for each case. Typical dosage is between 1 - 3% of cement content. Dosages outside the typical range given above may be used to meet particular requirements.

## CLEANING

**REC PLAST SP31** spillage should be collected by a suitable absorbent such as sand or vermiculite and transferred by a suitable container. **REC PLAST SP31** should not be allowed to enter sewers or open bodies of water. Dispose of as per local environmental regulations.

## PACKING

**REC PLAST SP31** is available in pails, drums and bulks supply on request.

## STORAGE

**REC PLAST SP31** has a shelf life of 12 months from date of manufacture if stored properly in its original unopened packing. If these conditions are exceeded, Reckon Technical Department should be contacted for advice.

## HEALTH & SAFETY

**REC PLAST SP31** is not classified as hazardous material. **REC PLAST SP31** should not come into contact with skin and eyes. In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly. For further information refer to the Material Safety Data Sheet.

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

