

PRIMER SP 40

Set retarding/high range water reducing/super plasticizing admixture CYS EN934-2:2009+A1:2012 (Table 11.1&11.2)

Product Description

PRIMER SP 40 is a water-reducing admixture with set retarding properties manufactured from selected polymers specially designed to impart a fluid concrete easily flowing and maintaining workability especially in hot climatic condition. **PRIMER SP 40** is suitable for use with all types of ordinary Portland cements.



Dosage

- Optimum dosage of **PRIMER SP 40** should be determined in trial mixes.
- Dosage is between 0.3 – 0.6 litres per 50 kg of cement ,including any pozzolanic materials and cement replacement.
- The actual dosage rates are dependent on the cement rate in mix design, quality of cement and aggregates, W/C ratio and ambient temperature.
- Please consult Technical Services Department for further information.

Package

1000 lt.

Product Advantages

- Improves workability without increasing water content
- Improves workability retention
- Enhances durability
- Allows extra time for concrete casting
- Reducing the risk of cold joint development
- Improves surface finish
- Minimizes early development of plastic shrinkage cracking
- Minimizes bleeding and segregation
- High logn term strength
- Improves the cohesion of concrete

Overdosing

If accidental overdosing occurs it can lead to:

- Increase in workability
- Initial and final setting retarding
- Increase in air-entrainment

Setting Time

The setting time is dependent on the dosage of **PRIMER SP 40**, the following factors should be considered:

- Increased retardation
- Lower temperatures will delay the setting time
- SRC cement gives higher retardation level than ordinary cement
- Using more than one type of admixture in the same concrete mix could affect the setting time

Technical Data

Density	1.19 ± 0.02
Chloride content	Chloride free
PH	7 ± 2
Freezing Point	0 °C
Recommended Dosage	0.3 - 6 lt litre per 50 kg of cement.

Product Data

Composition	Modified Synthetic polymers
Appearance	Brown Liquid
Storage condition	Store in a dry area between 5°C and 35°C. Protect from direct sunlight.
Shelf Life	12 months minimum from production date if stored properly in original unopened packaging.

Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane, rinse immediately with plenty of warm water and seek medical attention without delay.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

The user of the product must test the product's suitability for the intended application and purpose. Primer Cy LTD reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations.

For any Further Technical Information including SDS, CE LABELS and CERTIFICATES OF CONFORMITY don't hesitate to contact our QA/QC Department.
We remain at your disposal.

E-MAIL: lab@primeracm.com | Ph.+35725336671