



## HIND SOL SR

### PRODUCT DATA SHEET

#### WATER BASED SURFACE RETARDER FOR EXPOSED AGGREGATE FINISH

##### DESCRIPTION

**Hind Sol SR** is water based, medium viscous, liquid surface retarder applied to obtain exposed aggregate finish on concrete by retarding the setting process of cement paste on the concrete top surface layer. It can also be applied on the formwork or sprayed on freshly laid concrete surface to delay the setting of cementitious paste on the top surface layer. The product is ideal for use in tropical & hot climate conditions.

##### USES

**Hind Sol SR** is a ready to use, spray able surface retarder.

- To obtain exposed aggregate finish on concrete surface.
- To get a keyed surface for excellent bond when concrete is placed subsequently or in layers.
- Very effective for use in walkways, terrazzo to get a visible and long lasting exposed aggregate finishes.

##### ADVANTAGES

- Solvent free, water based.
- Reduces Labor cost.
- Good finish is obtained with low cost formwork.
- Excellent bond is achieved for subsequently laid mortar/concrete layers.
- Excellent for application to irregular moulds and vertical formwork.
- Can be diluted as per application requirements.
- Economical easy to use with a high coverage.

##### APPLICATION

###### Surface Preparation

The surface water of the newly laid concrete should be allowed to evaporate till  $\frac{1}{2}$  -2 hours depending on the ambient temperature, for application on the exposed surface of concrete. For application on the formwork, the shuttering Plate/Board should be clean, free from dust & laitance etc. On removal of form the desired concrete surface may be obtained by water jetting on the concrete face. Application of mould release agent to be avoided when **Hind Sol SR** is used.

###### Mixing

The total content of **Hind Sol SR** should be stirred thoroughly, preferably rolled on the ground before application.

###### Application

It is applied by using Brush, Roller or spray equipment, on a properly cleaned formwork and over concrete when the surface water evaporates. It is suggested to be protected from rain and frost. Striking the formwork at the correct time is very important. As soon the formwork is removed, the concrete surface to be washed with high pressure water jetting if necessary scrapped with a necessary brush.

## PROPERTIES

|                  |  |
|------------------|--|
| Aspect           | Dark Brown Liquid  |
| Specific Gravity | 1.12 ± 0.02 at 25 °C   |
| ph               | ≥ 6  |
| Chloride Content | < 0.02%  |
| Coverage         | The coverage depends on the depth of retardation required.<br>10-15 Sq. Mtr /Ltr upto <b>8mm</b> depth of retardation.<br>6-8 Sq. Mtr /Ltr is possible for greater depth of retardation. |

## SHELF LIFE

12 months from the date of manufacture in unopened condition and stored in a dry place away from direct sunlight at temperature ranging between 2<sup>o</sup> C (Min.) and 50<sup>o</sup> C (Max.)

## PACKING

200 Ltr Containers

## HANDLING PRECAUTION

**Hind Sol SR** is non-toxic and ingestion must be avoided. Any splashes to the skin happen, immediately wash with water. If contact with eyes occurs, immediately wash with water and seek medical advice.

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### Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

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(AN ISO 9001: 2015 COMPANY)

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