



Surface Retarding Mould Release Agent for Pebbledash / Exposed Aggregate Finish Concrete

General

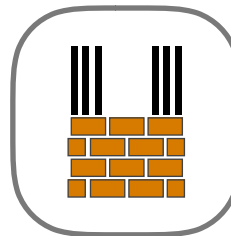
SS – FormEase SR is a range of Surface Retarders to delay the setting time of the surfaces they come into contact with. This property of controlled delay in setting can be used to provide concrete decorative surfaces as well as enhance bonding of subsequent layers. **SS – FormEase SR** is formulated to obtain Exposed Aggregate Concretes / Mortars. There are different grades for different size of Aggregates as depth of exposure should be proportionate to size of Aggregates. Colour aggregates can be added to give very aesthetic facades etc. The depth of retardation is also proportional to time from casting and ambient temperatures.

SS – FormEase SR range includes surface retarders for both negative and positive applications. In Negative process **SS – FormEase SR** is applied to formwork / moulds in face down condition and concrete or mortar is cast on it. After demoulding the surface is brushed and unset mortar is removed to expose the aggregates.

Instead of brushing, water jet can be used to expose aggregates. In Positive process, the concrete or mortar is cast and **SS – FormEase SR P** is sprayed on top and after about a day the surface is brushed or water jetted.

Product Features

- Surface Retarding Agents
- For 'Face Down' and 'Face Up' Process
- Can be used on Steel and Plastic Moulds
- Can be used on Vertical, Inclined and Horizontal Shutterings
- Acts as Form Release Agent
- Suitable for Coloured Aggregates
- For use in Complicated Formworks
- Both for Positive and Negative Processes
- Drying for few days is allowed
- Different grades available, non shrinking
- Suitable for Over-the-Weekend Concreting

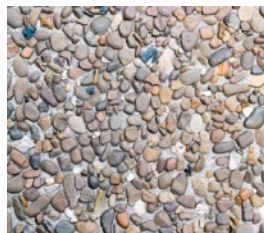


Concreting & Finishing Aids



Areas of Application

- Where Decorative Concretes are Required
- For Exposed Aggregate Surfaces
- For Precast Cement Products
- To Roughen the Surfaces for Bonding
- To Avoid Construction Joints by Keying
- For Facades and Compound Walls
- For Sound Barriers in Highways
- For Retaining Walls
- For Garden Benches / Sitting Areas
- In-Situ and Precast Concretes
- For Better Bonding



Areas of Application

Specification Keywords	Surface Retarders, Exposed Aggregates Finishes, Enhances Keying, Decorative Concrete, Face Up and Face Down Processes
Delivered As	Paste / Liquid
Storage Instructions	In Original Packing. In a cool dry place.
Shelf Life	12 Months from date of Manufacture.
Post Use	Use Complete Packs, Dispose packaging according to local regulations.
Packing Size	30 kg, 200 kg

Assess Build Chem Private Limited



Hazards and Safety



Technical Data

Colour	Cream / White
Specific Gravity	Paste: 1.45 +/- 0.05 Liquid: 1.10 +/- 0.05
pH	Paste: 6 +/- 0.05 Liquid: 9.5 +/- 0.05
Consumption	Paste: Approx. 150 to 200 grams / sq. m. Liquid: Approx. 200 to 250 grams / sq. m.
Application Time After	Before setting of Concrete

Instructions for Use

SS – FormEase SR is available in paste form of different concentrations depending upon depth of exposed surfaces and size of Aggregates : For Face Down Process or Negative Process :

SS – FormEase SR SB for Sandblasted Finish

SS – FormEase SR 04 for 4 mm aggregates

SS – FormEase SR 08 for 8 mm aggregates

SS – FormEase SR 16 for 16 mm aggregates

SS – FormEase SR 32 for 32 mm aggregates

This paste is to be applied by brushes or roller to formworks or moulds, both vertical and horizontal surfaces and allowed to dry. To be protected from quick drying and rains. The concreting can be carried out as usual immediately upon deshuttering, the surfaces can be subjected to waterjetting or stiff brushes to be used to remove the cement skin. Preliminary trials are must to determine the depth of exposed aggregates and accordingly the time of demoulding and surface cleaning can be adjusted. The product contains mould release agents to facilitate non-sticking of cement to formwork and easy cleaning.

SS – FormEase SR P is supplied in Liquid form to be used in Face Up or Positive Process :

First the concrete / mortar can be cast on floors or moulds and the material is sprayed on the exposed surface before the initial setting creeps in. After adequate setting the exposed surfaces can be brushed using stiff brushes or water jetting. Preliminary trial will determine the time when the brushing operation will begin. Accordingly adjustments are to be done. For better performance and highlighting the colours of exposed aggregate concrete it is preferable to coat the surfaces with Sealers like **SS – ConcSeal SB** and **SS – ConcSeal WB**.

Safety and Precautions

- It may cause damage to skin and eyes. Wear protective gloves and goggles and take the usual precautions for handling chemicals while using. If inhaled, move immediately to fresh air. In case of skin or eye contact, flush immediately with water for 15 minutes.
- Clean up promptly after job is complete. Clean equipment with water and allow to dry in a well-ventilated area. Allow rags etc. to dry in a well-ventilated area out of the reach of children and pets.
- Local, state and federal regulations should be consulted for proper disposal procedures.