



MC–Schnell SDS

A universal accelerator and quick setting aid for plugging and sealing mortars.

Product properties

- Shorten up the setting time of concrete
- Good plastering properties

Areas of application

- To stop water leakages and seepage in basement, shafts and galleries, tunnels etc
- Rapid sealing of water tanks, coolers etc
- For quick rendering work to keep out ground or seepage water
- For quick installing railing posts, tie bars
- For underwater concreting of P.C.C etc.

Application

MC-Schnell SDS is a liquid accelerator to be used as an admixed to concretes or mortars. The setting time will be shortened upto 2-3 minutes depending upon the amount added. Apart from quick setting, mortar can be used efficiently to plug and seal in rushes of water

Advantages

The **MC-Schnell SDS** admixed mortars can be used with advantages for several purposes:

- Rapid plugging to stop water leakages and seepage in basements, shafts, and galleries, tunnels etc
- Rapid sealing of water tanks, coolers etc
- For quick rendering work to keep out ground or seepage water
- For good plasticizing properties

Instructions for Use

We recommend in every case of application to perform a test using the actual cement. Mix 3 p.b.w of cement with 1pbw of **MC-Schnell SDS** also add water to get a stiff paste. At a temperature of 30°C, setting should not start later than 3 minutes after adding the water.

The setting time can be adjusted by varying the dosage. The amount of **MC-Schnell SDS** added should be determined by a preliminary test using the actual cement and aggregates for the project concerned.

As a guiding factor, we recommend (Portland cement, temperatures 25°C, 50% Relative Humidity) to admix **MC-Schnell SDS** as shown in table alongside.

Cement	Sand	MC Schnell SDS	Setting time		
			start	End	
1	0	1\3	immediately	4-5mins	02kg
1	1	1\5	3-5 mins	8-12mins	0.14kg
1	1	1\10	8-10 mins	20-30mins	0.05kg
1	2	1\5	5-8 mins	15-25mins	0.14kg
1	2	1\10	15-20mins	30-40mins	0.05kg
1	3	1\5	10-15mins	30-40mins	0.014kg
1	3	1\10	20-30mins	40-50mins	0.05kg

Mix only that amount which can be placed immediately as after start of setting it should not be used any more. In cases if temperature is below 0°C it is recommended to warm up cement and aggregates to ensure the optimum result. Surfaces to which the mortar is to be applied must be free from loose particles. For leakage spots cut the joint in a dovetail form. Then prepare **MC-Schnell SDS** in a stiff form and press it firmly to the leakage for about 3 to 4 min. For ready to use purposes use MC-Fix-ST as a quick stopper.

For seepages through masonry and concrete, we recommend following mix for quick sealing.

1part by volume of **MC-Schnell SDS+**
5-6 parts by volume of cement +
5-8 parts by volume of sand

Mix with water until the required trowellable consistency is obtained. For permanent dry surface use a further plaster coat with **Putz-Dichtament**. For further protection from dampness use **Dichtament DS** slurry coat.



Technical Data for MC-Schnell SDS

Characteristic	Unit	Value	Comments
Density	kg / cm ³	1.20	± 0.02
Minimum application temperature	° C	20° C	

Product Characteristics for MC-Schnell SDS

Colour	Transparent
Shelf Life	12 months
Delivery	30 Kg pails and 5 Kg pails.
Storage	Protect from direct sunlight and frost
Disposal	Packs must be emptied completely.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.
Edition 04 / 2007 Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

Available at:
TECHNOTRADE ASSOCIATES
Jaipur.
Ph: 0141-4012629,9799398083
Online store : www.technotrade.in