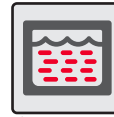


# SAMPLAST® RM

RETARDER-CUM-SUPER PLASTICIZER-CUM-WORKABILITY AID



Submerged in water  
application



Pourable



Screed

## DESCRIPTION:

- SAMPLAST® RM is formulated to meet the highest level of quality standard that prevails in the international market as a high range of water reducing and retarding admixture.

## ADVANTAGES:

- Reduces micro porosity.
- Retardation can be attained maximum 2.5 hours depending upon site condition and ambient temperature.
- Increases workability, density and strength without increase in cement.
- Enhances compressive strength of concrete mix with reducing water content of the mix.
- Effects savings in cement consumption without affecting quality.

## METHOD OF USE:

- Add SAMPLAST® RM (maximum up to 1.5% of cement) in water and stir gently.
- Prepare dry mix of cement, aggregates and sand as usual.
- Slowly add dry mix to the solution while mixing.
- Apply concrete-mix as usual.

## RECOMMENDED APPLICATIONS:

- RCC load bearing structures like beams and columns
- Building foundations and footings
- RCC support structures for overhead water tanks, revolving restaurants etc.
- High rise towers, for installation of radar systems, TV signal receivers, search lights, wind turbines etc.
- Ready mix and pumpable concrete
- High grade concrete

## PRODUCT DATA:

<b>Form</b>	Liquid
<b>Base</b>	Sulphonated naphthelene formaldehyde
<b>Specific gravity</b>	1.22-1.24 at 25°C
<b>chloride content</b>	Nil (Below 0.1%)
<b>Colour</b>	Brown
<b>Dosage / Consumption</b>	Maximum up to 1.5% of cement
<b>Air entrainment</b>	Less than 2% additional air is entrained.
<b>Shelf life</b>	12 months at 25°C
<b>Safety</b>	Non-toxic and non-flammable
<b>Packing</b>	200 kg drum, 100 kg drum, 50 kg carboy and 5 kg jerry can

**CONSULT OUR PRODUCT APPLICATION DEPARTMENT (PAD) IN CASE OF ANY DIFFICULTY OR FOR TECHNICAL ASSISTANCE**

SAMROCK products are guaranteed for the performance of material and manufacture.  
The details given here are based on our laboratory and field observations and as such as construed to be reliable. But we shall not accept responsibility for any work carried out with our material as we do not have control over other ingredients, workmanship and field conditions. This data sheet is subject to change in view of constant research and development being undertaken in our laboratories. Customers are advised to contact SAMROCK for the latest version.

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