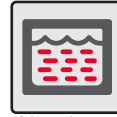


# SAMPLAST® 300

## SUPER PLASTICIZER



Submerged in water  
application



Pourable



Screed

### DESCRIPTION:

- SAMPLAST® 300 is a synthetic plasticizer derived from sulphonated naphthalene.

### ADVANTAGES:

- Reduces micro porosity.
- Increases workability of concrete mix without reducing compressive strength.
- Increases compressive strength of concrete mix with reducing water content of the mix.
- Enhances cohesion by minimizing segregation and bleeding thereby giving better surface finish.
- Increases durability of concrete by increasing density.
- Provides high early strength.

### METHOD OF USE:

- Add correct quantity of SAMPLAST® 300 directly to the mixing water.
- 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, installation of radar systems, TV signal receivers, search lights, wind turbines etc.

## PRODUCT DATA:

<b>Form</b>	Liquid (instantly dispersible in water)
<b>Base</b>	Sulphonated naphthalene
<b>Solid content:</b>	40 ±1
<b>Specific gravity</b>	1.22 at 25°C
<b>Calcium chloride content</b>	Nil
<b>Colour</b>	Brown
<b>Dosage / Consumption</b>	0.4% - 1.2% / 50 kg of cement
<b>Setting time</b>	Less than 1 hour retardation at normal dosage
<b>Air entrainment</b>	Less than 1% 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 carboy, 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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