

## Bond Rheoplast 258

High range water reducing super-plasticizer for flowing concrete

### DESCRIPTION

**Bond Rheoplast 258** is high range water reducing superplasticizer designed to produce collapse slump, flowing concrete with workability retaining properties.

### RECOMMENDED USES

Bond Rheoplast 258 significantly improves fresh and hardened concrete properties and is perfect for:

- High performance concrete
- Long-distance transportation
- Pumped concrete
- Hot weather concreting
- Mass concrete pouring
- Ready mixed concrete

### FEATURES AND BENEFITS

Bond Rheoplast 258 has the following features and benefits:

- Reduced permeability
- Workability retention for extended periods
- Better compressive strengths
- Higher initial slump
- Improved durability
- Lower pumping pressures

### PERFORMANCE TEST DATA

Appearance	Dark Brown liquid
Specific Gravity	1.25 ± 0.02 at 25°C
pH	6 ± 1
Chloride ion content	< 0.2%

### STANDARD COMPLIANCE

- ASTM C-494 Type A., B, D, F and G
- BS 5075 Part 1

### DOSAGE

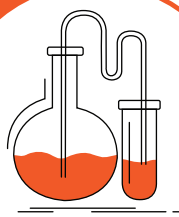
To determine the optimum dosage of Bond Rheoplast 258, it is advised to conduct trials with different combinations of concrete ingredients.

As a guide, a dose of 0.8% to 2.0% by weight of cementitious material can be considered as a starting point.

In high performance concrete with Microsilica dose can be increased up to 2.5% of total cementitious material.

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## APPLICATION

Bond Rheoplast 258 is a ready-to-use liquid which can be dispensed into the concrete together with the mixing water.

The super plasticizing effect and water reduction are higher if the admixture is added to the damp concrete after 50 to 70% of the mixing water has been added.

Addition to dry aggregate or cement is not recommended.

## COMPATIBILITY

Bond Rheoplast 258 is compatible with all cements, microsilica, fly ash, integral water proofers and air entraining agents complying ASTM standard requirements.

## PACKAGING

Bond Rheoplast 258 is available in IBC (Intermediate Bulk Container) and drum having gross weight of 1,200 Kg and 240 Kg respectively.

## STORAGE /SHELF LIFE

Bond Rheoplast 258 must be stored above 5°C.

Store under cover, out of direct sunlight and protect from temperature extremities.

Shelf life is 12 months from the manufacturing date, when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product and packaging.