

SmartCare TechnoPlast S 300

Asian Paints SmartCare TechnoPlast S 300 High Range Water Reducer High performance high range water reducer based on SNF chemistry.

PRODUCT DESCRIPTION

SmartCare TechnoPlast S 300 High Range Water Reducer is an admixture based on SNF technology that provide high water reduction and longer slump retention without affecting setting time. It facilitates production of high quality concrete with improved durability.

AREAS OF APPLICATION

- Recommended for low grade of concrete (up to M-40)
- Mass concrete
- Pumpable concrete
- Structural concrete
- RMC as well as site batching plant

FEATURES AND BENEFITS

- Water reduction & slump retention
- Chloride free
- Longer placing time
- Better resistance to aggressive atmospheric conditions
- Increases compressive strength of concrete
- Increases flexural strength of concrete
- Increases cohesiveness of the mix and adhesion to the reinforcement and stressing steel

PRODUCT DETAILS

STANDARD COMPLIANCE:

Complies to BIS IS 9103 and ASTM C 494 - Type F & Type G depending on the dosage

PERFORMANCE TEST DATA:

Appearance	Brown liquid
Specific Gravity@ 27°C	1.21 to 1.25
Chloride Content	< 0.5 % by weight as per BS 5075: Part 1

APPLICATION METHOD

Mechanism:

SmartCare TechnoPlast S 300 High Range Water Reducer is based on sulfonated naphthalene polymer technology and provides high water reduction without loss of workability.

Dosages:

The normal dosage range is 0.5 to 2.0 Kg per 100 Kg cement. However, the actual dosage should be determined by trials using the materials & conditions available at site.

Technical Support:

Asian Paints provides a technical advisory service for on-site assistance and advice on mix design, admixture selection, evaluation trials and dispensing equipment.

Over Dosing:

An over dose above the recommended level of admixture may result in high workability, air entrainment and retardation of setting time depending on the ambient temperature. Contact Asian Paints technical expert for assistance.

Pack Size:

Available in 250 Kg Drums / Tanker

Shelf Life:

12 months from date of manufacturing when stored at recommended conditions in unopened drum.

SAFETY FEATURES

- Kindly refer to the MSDS for Asian Paints SmartCare TechnoPlast S 300 which gives detailed information on safety measures while handling the paint, which is available on request.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place.
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Do not pour leftover paint down the drain or in water courses.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

STORAGE PRECAUTIONS

- Store between 5°C to 50°C away from direct sunlight.
- Do not add directly to dry cement or aggregate.
- Material is not compatible with Poly Carboxylic Ether (PCE) admixtures.
- If material is swallowed accidentally, immediately seek medical help.
- In case of splashing on skin or eyes, rinse with plenty of water.
- Keep away from children and animals.