



CONCET SP FLOW

WATER REDUCING & Retarding Admixture

DESCRIPTION

CONCET SP FLOW is ready to use dark brown coloured superplasticizing admixture, confirming the specification of IS 9103-1999 (Amendment 2007) ASTM C 494 / C494M-17 type A & F.

PRIMARY APPLICATIONS

- Concreting in High temperature conditions.
- Large pours to prevent cold joints.
- General purpose ready mix concrete.
- Use upto M 40 Grade of Concrete.

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Improves setting times
- Superior slump retention

Hardened Concrete

- Increases early and late age strengths
- Reduces permeability
- Increases durability

TECHNICAL INFORMATION

Appearance:	Dark Brown colour liquid
Base:	Sulphonated Naphthalene Formaldehyde
Solid content (%):	42±2.0
Specific gravity:	1.2 ± 0.02
pH value:	Minimum 6
Chloride content (%):	0.10 max.
Storage:	Under shade
Shelf life:	12 months

PACKAGING

CONCET SP FLOW is packaged in bulk, 230KG OR 250KG HDPE Barrel.

SHELF LIFE

11 months in original, unopened container.

SPECIFICATIONS/COMPLIANCES

CONCET SP FLOW meets or exceeds the requirements of:

- ASTM C 494, Type A and Type F

DIRECTIONS FOR USE

Concrete admixture is added to the concrete after addition of desired amount of water during mixing of concrete in mixer.

DOSAGE/USAGE

Generally dosed 0.6 to 1.0% by weight of cementitious material, but in css may be increased up to 1.2% depending up on the climatic condition. But, it is recommended to go for trial mix to finalise the dosage.

Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

CONCET SP FLOW should be added to the initial batch water when possible. It should not come in contact with dry cement or other admixtures until mixed thoroughly with the concrete batch.

Field testing is strongly recommended to optimize dose range and performance expectations with local materials.

CONCET SP FLOW is compatible with most admixtures including air-entraining agents, accelerators, most water-reducers, retarders, shrinkage reducers, corrosion inhibitors, viscosity modifiers, and microsilica; however, each material should be added to the concrete separately.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain PLASTOL 341S above freezing.
- Never agitate with air.
- Add to concrete mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

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