



EASTERN SETCRETE *Private Limited*

An ISO 9001 : 2000 Company

MANUFACTURER OF CONSTRUCTION CHEMICALS

SETSPLAST 350

PRODUCT DATA SHEET

SUPERPLASTICISER CUM HIGH RANGE WATER REDUCING ADMIXTURE FOR CONCRETE

DESCRIPTION:

Setplast 350 is a high range water reducing agent and super plasticizer. It conforms to IS 9103-1999 and ASTM C 494 Type F.

USES:

Setplast 350 is used wherever, high quality structural concrete is required. Super plasticised concrete permits placement in congested reinforcement and not easily accessible areas. Easy and quick placement characteristics of flowing concrete and the need for only very nominal vibration makes it suitable for placement in bay areas, floor foundation slabs, bridges, pavements, roof decks, precast concrete elements.

ADVANTAGES:

- Increased Workability: **Setplast 350** when incorporated in concrete mixes, increases the workability without additional water, thus leading to easy placement and finishing without the risk of segregation and bleeding.
- Increased Strength: **Setplast 350** can be used to reduce water up to 25% for a given workability leading to increased early and ultimate (28 days) strength (approximately 40% increases in strength) Such high early strength and early stripping of forms lead to increased productivity on precast concrete and the production of high strength without increase of cement .
- Incorporation of **Setplast 350** in concrete prevents rusting of reinforcements and provides good adhesion of concrete and reinforcement surface.



APPLICATION:

Use **Setplast 350** 0.5 to 3 % by weight of cement in concrete mix. It is advisable to carry out trial mixes to establish the exact dosage rate required. It is compatible with all types cement.

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