



SETPLAST 180

PRODUCT DATA SHEET

NORMAL SETTING WATER REDUCING ADMIXTURE (WRA) & INTEGRAL WATER PROOFER

DESCRIPTION:

A modified lignosulphonate based, general purpose integral waterproofing admixture cum water reducing plasticizer for concrete, mortar and shotcrete mixes, conforming to IS:2645-2003

USES:

For producing good cohesive concrete or mortar with adequate workability less porosity and convenience of placement, without addition of extra water. Very suitable for the precast concrete products, as it gives fair-faced concrete with improved ultimate strength.

ADVANTAGES:

- Improves workability without addition of extra water.
- Permeability of concrete is greatly improved.
- Does not affect setting times of Concrete.
- Reduces shrinkage, creep and porosity.
- Provides fair faced concrete
- No attack on rebars as it is chloride free.
- Concrete flow improves, thus suitable for congested reinforcements.



APPLICATION:

The dosage of **Setplast 180** is 0.2% by weight of cement i.e. 100 gms. per 50 Kg bag of cement However more accurate dosage can be obtained by laboratory and site trials by mix designing as per appropriate requirements.

PROPERTIES:

Colour	Dark Brown.
Form	Liquid
Sp. Gravity	1.19 ± 0.02 at 27°C
pH	7 to 8.
Compatibility	With all cements and quicksetting compounds.
Chloride %	Nil.

