



ApcoBuildTM
Build Smarter

SUPLAST RWTM

**HIGH RANGE WATER REDUCING SLUMP
RETAINING ADMIXTURE FOR CONCRETE**

- High workability for longer periods
- Lower pumping pressure
- Reduced segregation even at high workability
- Extended setting with longer workability
- Reduced water content for a given workability
- Improves workability and makes dense concrete thereby reducing permeability

ApcoBuild Suplast RW is super plasticizer, which helps in achieving high workability in all grades of concrete. It provides excellent retention of slump using economical dosage.

Specification : Meets the requirement of IS : 9103, BS EN 480 and ASTM 494 Type G

AREAS OF APPLICATION

- Pavement quality concrete
- Precast / Prestressed concrete
- Pumped concrete
- Concrete containing granulated slag / pozzolans
- Mass concrete pours
- Hot weather concreting

ADVANTAGES

- High workability for longer periods
- Lower pumping pressure
- Reduced segregation even at high workability
- Reduced water content for a given workability
- Improves workability and makes dense concrete thereby reducing permeability

APPLICATION METHOD

- The correct quantity of ApcoBuild Suplast RW should be measured with recommended dispenser and should be thoroughly mixed with approximate 20-30% of recommended water content (Based on mix design by weight)
- Mix constitutes along with balance approximately 70-80% of recommended water content (based on mix design by weight) for 2 minutes
- As soon as step 2 is over, the admixture mixed in water (as in step-1) is to be added to the wet concrete and mix it further

PRECAUTIONS AND LIMITATIONS

- ApcoBuild Suplast RW should not be added in dry mixes under any circumstances
- An over dose the ApcoBuild Suplast RW will result in very high workability and some retardation of setting time will occur

TECHNICAL INFORMATION

| | |
|--------------------------------------|----------------------------------|
| | Suplasticizer for concrete |
| Color | Dark Brown |
| Relative Density | 1.220 ± 0.02 gm/cc |
| PH @ 25 °C | 7 - 8 |
| Viscosity on B4 ford cup @ 25 °CType | Max. 17 ± 5 seconds |
| Air Entertainment | Max. 1% over controlled concrete |
| Chloride content | Nil as per IS 456. |

SHELF LIFE

ApcoBuild Suplast RW has a minimum shelf life of 12 months when stored under normal circumstances. Failure to comply with the recommended conditions may result in premature deterioration of the product or packaging.

PACKAGING

1, 5, 26, 50, 100 & 200 kg.

DOSE

250-750 ml. per 50 kg. bag of cement.

HEALTH AND SAFETY

1. ApcoBuild Suplast RW doesn't fall into the hazard classifications of current regulations
2. It is water based and non-inflammable. However, it should not be swallowed or allowed to come into with skin or eyes
3. In case of contact with eyes rinse immediately with plenty of water and seek medical advice
4. If swallowed, seek medical attention immediately - don't induce vomiting

DISCLAIMER: These suggestions and data are based on information, which we believe to be reliable. They are given for information only and in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Recommended use in construction segment.



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