



DURASUPASPRED 300

Superplasticiser for Slag or Pozzolona Cement Concrete

Description:

DURASUPASPRED 300 is a highly efficient superplasticiser with controlled set retarding effect to produce flowing concrete with Blast Furnace Slag or Portland Pozzolona Cement in hot climate. Substantial water reduction can be achieved to promote high ultimate strength. It consists of modified Naphthalene Sulphonate salts.

Standards:

Complies with IS: 9103-1999, ASTM C 494 Type G and BS 5075 Part-3

Uses :

DURASUPASPRED 300 can be used as a Superplasticiser for flowing concrete in floor slabs, pre-stressed concrete girders, foundation, walls, columns, beams, ceilings etc.

Features :

- Long lasting control of slump loss.
- Extremely high workability, speeds construction.
- Little vibration required, self compacting.
- Reduces permeability due to lower w/c ratio.
- Higher strength.
- Improved surface finish.
- Highly suitable for hot climate.
- Reduced segregation with increased cohesion, easily pumpable.
- Very high strength through large water reduction.
- Chloride free, safe in pre-stressed and reinforced concrete.
- Economical – substantial cement saving is possible without strength or workability loss.

Application :

Suitable mix design as normally required for Superplasticiser should be followed with **DURASUPASPRED 300** for the requirement of slump retention, strength, flowing concrete and pumpability.

Dosage :

0.5 to 2.0% by weight of cement. Upto 30% water reduction is possible. It is always advisable to carry out trial mixes. Exact dosage rates depend upon the type of effect and retardation sought, quality of cement, aggregates, w/c ratio and ambient temperature.

Technical Data :

Colour	: Dark brown
Specific Gravity	: 1.240 ± 0.02
Shelf Life	: 12 months if kept in original packing under shed.
Storage conditions	: Store it under a shed
Compatibility	: With all Portland Cements but most suitable for Slag / Pozzolona Cement.
Chemical basis	: Sulphonate Naphthalene Formaldehyde Condensate
Packing	: In 250 Kg or as per the choice of customer
Health & safety	: Non-toxic, Non-flammable & Eco-friendly.

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IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

HEAD OFFICE: 104-106, Dimension Deepti Plaza, Plot No-3, LSC, Pocket-6, Nasirpur, Dwarka, New Delhi-110045.

Phone No.: 011-25050236, 011-25050237, Fax No.: 011-25050238

E-mail: admin@durabuildcare.com, sales@durabuildcare.com, Website: durabuildcare.com

●WATER PROOFERS ●POLYMER MODIFIED FOR CEMENT ●ADMIXTURE/PLASTICISER ●EPOXY PRODUCTS ●EPOXY BONDING AGENT ●
●FLOORING COMPOUNDS ●GROUTING COMPOUNDS ●REPAIR MATERIAL ●CURING COMPOUNDS ●TILE ADHESIVE & GROUT ●
