

DURA BUILD CARE PVT. LTD.



AN ISO 9001 : 2008 COMPANY

“Quality, Integrity Assured.”

DURASUPASPRED 500

High Range Water Reducer / Superplasticiser for Concrete

Description :

DURASUPASPRED 500 is a highly effective Superplasticiser with controlled set retarding effect to produce flowing concrete in hot climate. Substantial water reduction can be achieved to promote high ultimate strength. It consist of Polycarboxylic Acid & Napthalene salts.

Standards :

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

Uses :

DURASUPASPRED 500 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
- Reduced permeability due to lower w / c ratio
- Higher strength
- Improved surface finish
- Highly suitable for hot climate
- Reduced segregation with increased cohesion, easily pump-able
- 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 500** for the requirement of slump retention, strength, flowing concrete and pump-ability.

Dosage :

0.5 to 2.0% by weight of cement. Upto 25% 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	: 1.150 ± 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
Chemical basis Condensate.	: Sulphonate Napthalene Formaldyhide
Packing	: In 250 kg or as per the choice of the Customer.
Health & safety	: Non toxic and non-flammable. Eco-friendly.



DURA®



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.

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