



DURASPRED PAE

Air Entraining Plasticiser

Description :

It is a dark brown liquid based on polymeric resin. It produces microscopic air bubbles evenly distributed through out the concrete. It contains properties of Superplasticiser.

Standards :

Conforms to IS : 9103-1979 and ASTM C 260 + ASTM C 494

Uses :

It is most suitable for Concrete runways and bridges, Canal lining, Dams, Reservoirs, Tunnel linings etc.

Features :

- Increased durability : Produces stable microscopic air bubbles distributed Uniformly throughout concrete. Resistant to attack by frost and deicing salts, thermal movement, crack free concrete.
- Increased cohesion : Increased pumpability with lean mixes. The Concrete in transit will show no segregation.
- High workability : 15 to 20% water reduction is possible. Imparts Workability retention in high strength.
- Less vibrating effort through the ball bearing action of the air bubbles.
- Most economical, as it increases the yield of concrete by the percentage of air entrained.
- Reliability – produced under strict quality control system, quality shall never vary.
- Improves impermeability.
- Useful for lightweight concrete.

DURASPRED PAE should be used along with gauging water. Site trial is always advisable to optimize the dosage. But as a guide, dosage = 750 to 1500 ml per 50kg cement. In concrete containing reinforcement or other embedded metals, the maximum dosage of 1600ml/50kg cement should never be exceeded. But in plain concrete dosage above 1600ml/50kg cement may be used without any problem.

DURASPRED PAE is specifically formulated for pre-stressed concrete.

Technical Data :

Form	: Dark Brown Liquid
S. G. at 27 ⁰ C	: 1.25 ± 0.02
Shelf Life	: 12 months if unopened.
Storage	: Keep under a shed.
Air Entrainment	: Less than 1%
Setting Time	: 45 minutes to 60 minutes earlier but carry out site Trial to ascertain the same.
Strength	: At least 50% more with 24 hours but carry out site Trial to ascertain the same.

Packing :

In 25kg., 100kg., 250kg. Containers

Health & Safety :

DURASPRED A is Non-toxic and Non- Flammable, Eco-friendly.



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 ●
