



## DURATITE HR

Integral Cement Waterproofing Compound-cum-Superplasticiser

### Description :

**DURATITE HR** is a dark brown waterproofing liquid admixture with high water reducing and pores blocking actions. **DURATITE HR** is very useful superplasticiser for producing high strength and free flowing concrete.

### Uses :

Most suitable for production of flowing concrete, pumped concrete, prestressed concrete as well as industrial/commercial flooring and floor toppings. Most effective waterproofing through large water reduction and higher strength for basements, reservoirs, retaining walls, canals, bridges, swimming pools, dams etc.

### Features :

- New generation waterproofing-cum-superplasticiser.
- Highest possible water tightness could be achieved through lower w/c.
- Higher strength.
- Reduced segregation with increased cohesion
- Improved pumpability
- Chloride free – safe in pre-stressed and re-inforced concrete.
- Assured quality through rigid quality control system.
- Self-levelling concrete for dense re-inforcement.

### Application:

Make use of strong water reducing action and follow relevant rules of mix design and concreting practices. **DURATITE HR** admixture may be added along with 20% mixing water to the concrete mix. Do not add this admixture to the dry concrete mix.

## Technical Data :

Colour	: Dark brown
Specific Gravity at 27 <sup>0</sup> C	: 1.20 ± 0.02
Chloride Content	: Nil
Dosage	: 250 ml per 50 kg bag of cement.
Shelf Life	: 12 months if kept in original packing under shed.
Chemical Basis	: Selected long chain polymer
Storage condition	: Store it under a shed.
Compatibility	: With all Portland Cement
Setting time	: Less than 1-hour retardation of normal dosage
Air entrainment	: Around 2%
Packing	: 1Kg, 5 Kg, 25 Kg, 250 Kg containers
Health and Safety	: Non-toxic, 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.

**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