

DURA BUILD CARE PVT. LTD.



AN ISO 9001 : 2008 COMPANY

“Quality, Integrity Assured.”

DURASPRED R / RR

Water Reducing or Plasticising-cum-Retarding Concrete Admixture

Description :

DURASPRED R is a plasticiser – cum – retarder in dark brown liquid based on polymer / lignosulphonates. Water reduction upto 12% can be achieved. **DURASPRED RR** is meant for high retardation of concrete.

Standards :

Conforms to C 494-81, Type D, IS : 9103-1979

Uses :

Highly effective set retarding admixture with plasticising effect. It is used as a substantial water reducer without loss of workability. It is extensively used where high quality concrete is required under difficult conditions e.g., high temperature/ hot weather concrete, pump concrete, slip-form concrete and cold joints are eliminated.

Features :

- ❖ Extends placing and compacting time –No cold joints.
- ❖ Reduces exothermic temperature.
- ❖ Improved workability easier/ quicker placing and compacting.
- ❖ Reduced shrinkage and creep.
- ❖ Compatible with all types of Portland cement
- ❖ Chloride free
- ❖ Cement saving-strength specifications and workability can be maintained with less cement.

Application:

Rate of addition: This normally varies from 0.10-0.25 Liters per 50kg cement depending on retardation required. The optimum dosage should be determined by site trial. For cement saving without loss of strength, 0.15L/50kg cement is ideal. The correct quantity must be carefully measured.

Curing:

Normal curing such as water spray, ponding, wet Hessian or a curing membrane like our **Duracure** is sufficient. Prevent the retarded concrete from drying out.

Over Dosing:

Double the dosage rate will retard the concrete excessively. If premature drying out is prevented, ultimate strength will never be reduced. Please avail the advantage of water reduction.

Technical Data :

S. G. at 27°C	: 1.200 ± 0.02 with R, 1.120 ± 0.02 with RR
Chloride	: Nil .No added Chloride but may be found in traces As it is found in town supply water.
Dosage rate	: 0.10 to 0.25L per 50kg Cement.
Cleaning	: Clean with eater
Packing	: 25 Kg,100 Kg, 200 Kg. Container
Storage	: Store on a cool place/ under a shed.
Shelf Life	: 12 months if kept in original packing under shed.
Health & 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.

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