

# DURATITE LW+

*High range integral liquid waterproofing compound for concrete/mortar cum super-plasticizer*

## DESCRIPTION

**DURATITE LW+** is a waterproofing liquid admixture with high water reducing and pore blocking ability. It is a blend of specialized active ingredients to waterproof concrete when there is permeability through hydrostatic head pressure or capillary absorption. **DURATITE LW** is also available which is a normal range cement integral waterproofing compound with plasticizing properties.

## STANDARDS

IS:2645-2003 & IS:9103-2000.

## 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, water tank, roof deck, basement, lift pit, or in a situation where hydro insulation is a must.



## FEATURES

- New generation waterproofing-cum-superplasticiser.
- Higher strength and impermeability of concrete is greatly improved.
- Highest possible water tightness achieved through lower w/c, thereby ensuring durability of concrete structure.
- With increased cohesion, segregation and bleeding are substantially reduced.
- Is highly effective in reduction of permeability due to hydrostatic head pressure or capillary action or both.
- Contains active corrosion inhibitors which protects steel against corrosion.
- Improved surface finish of concrete.
- Improved pumpability and workability.
- Reduced shrinkage crack development in plaster and concrete.
- Chloride free safe in pre-stressed and re-inforced concrete.

## APPLICATION

Make use of strong water reducing action and follow relevant rules of mix design and concreting practices. DURATITE LW+ admixture may be added along with 20% mixing water to the concrete mix. Do not add this admixture to the dry concrete mix. Maintain water-cement ratio as low as possible. Do not increase the dosage of DURATITE LW+ than the recommendation.

## TECHNICAL DATA

Physical appearance	:	Wine Red free flowing liquid
Specific Gravity at 27°C	:	1.052 ± 0.02
Chloride Content (IS : 2645 : 2003)	:	Nil
Non volatile content	:	13.0 - 14.0%
pH value	:	9- 13
Setting time, minutes (IS : 2645 : 2003)	:	Passes
Water permeability (IS : 2645 : 2003)	:	Passes
Compressive strength N /mm <sup>2</sup> (IS : 2645 : 2003)	:	Conforms to the standard

## DOSAGE

200 ml per 50 kg bag of cement.

## PACKING

200 ml, 1, 5, 10, 20 & 100 litre.

## SHELF LIFE

24 months if kept unopened and sealed condition. Store in a cool- dry place.

## HEALTH AND SAFETY

Non-toxic, non-flammable, Eco-friendly. Wear protective clothing. Wash with sufficient quantities of water in case of contact with skin / eyes.

Water Proofer's Admixtures  
Epoxy products  
Flooring  
Grouts  
Repairs Material

**DURA BUILD CARE PVT. LTD.**



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