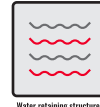


## **SAMPLAST® LW150**

**INTEGRAL CEMENT WATERPROOFING LIQUID**



### **DESCRIPTION:**

- SAMPLAST® LW150 is formulated to meet the highest level of quality standard that prevails in the international market.

### **ADVANTAGES:**

**SAMPLAST® LW150 is suitable for use as integral water proofer with both general mass concrete work as well as mortars. It offers the following advantages:**

- Ease of use and instant uniform dispersion is achieved due to its liquid form.
- Ensures increased workability of concrete and mortars.
- Reduces water bleeding.
- Can be used with most types of cements including pozzolonic cements except for high alumina cement.
- Reduces the hydraulic permeability of concrete and mortars up to 90% and thereby enhances life by 10 to 15 years.

### **METHOD OF USE:**

#### **Mix preparation:**

- Add SAMPLAST® LW150 (150 gm per 50 kg of cement) in water and stir gently.
- Prepare dry-mix of cement, sand and aggregates as usual.
- Add the dry-mix to SAMPLAST® LW150 solution while mixing.
- Use concrete / mortar-mix as usual.

## RECOMMENDED APPLICATIONS:

- RCC water tanks and storage reservoir
- External plastering
- External masonry walls
- Roof and balcony areas
- Plastering of basements and water tanks
- Floor and roof slabs
- Small machinery foundations
- Small bund / check dam walls

SAMPLAST® LW 150 is not recommended for use with structural members like beams and columns and some pre-cast elements particularly where high cement contents are used.

## PRODUCT DATA:

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| <b>Form</b>                  | Liquid                                                                 |
| <b>Base</b>                  | Sulphonated naphthalene                                                |
| <b>Specific gravity</b>      | 1.10 at 25 C                                                           |
| <b>Chloride content</b>      | Below 0.05%                                                            |
| <b>Permeability to water</b> | 9.8%                                                                   |
| <b>Standards</b>             | Complies with IS: 2645-1975 (No.CM/L-7161362) and is certified by BIS. |
| <b>Colour</b>                | Brown                                                                  |
| <b>Dosage / Consumption</b>  | 100 gms - 200 gms / 50 kgs of cement to be added with gauging water.   |
| <b>Caution</b>               | Do not add SAMPLAST® LW150 to dry mix.                                 |
| <b>Shelf life</b>            | 12 months at 25 C                                                      |
| <b>Safety</b>                | Non-toxic and non-flammable                                            |
| <b>Packing</b>               | 200 kg, 20 kgs, 5 kg & 1 kg.                                           |

**CONSULT OUR PRODUCT APPLICATION DEPARTMENT (PAD) IN CASE OF ANY DIFFICULTY OR FOR TECHNICAL ASSISTANCE**

SAMROCK products are guaranteed for the performance of material and manufacture.  
The details given here are based on our laboratory and field observations and as such as construed to be reliable. But we shall not accept responsibility for any work carried out with our material as we do not have control over other ingredients, workmanship and field conditions. This data sheet is subject to change in view of constant research and development being undertaken in our laboratories. Customers are advised to contact SAMROCK for the latest version.

## SAMROCK CHEMICALS (i) LTD.

ISO No : 9001 | CIN No. : U24231GJ1991PLC015607

302, Chanakya Building, Near Dinesh Hall, Ashram Road, Ahmedabad, Gujarat - 380009

Call : +91 9825011576 | Email : [info@samrockchem.com](mailto:info@samrockchem.com)