

# DANOMIX LW



## Liquid Waterproofing Admixture

### DESCRIPTION

**DANOMIX LW** is a new generation liquid integral waterproofing admixture for concrete and cement mortar. It has good plasticizing properties & makes concrete and mortar cohesive and prevents segregation.

### STANDARD COMPLIANCE

**DANOMIX LW** complies with IS:2645-1975, IS:9103-1999 and ASTM C494:Types A & D standards.

### ADVANTAGES

- Liquid – easy to dose and dispersible in the mix.
- Imparts concrete and mortar good resistance to water ingress.
- Reduction in w/c ratio possible.
- Results in cohesive and dense homogeneous concrete mix.
- Improves the strength of concrete or mortar while minimizing porosity.
- Reduces segregation and bleeding in concrete mix.
- Low dosage - economical.

### USES

**DANOMIX LW** is ideal for use in all cementitious mixes as waterproofing and plasticizing admixture.

### PROPERTIES:

Chloride Content	Less than 0.05%.
Permeability	Less than 15% as compared to 50% max. allowable under IS:2645 compared to control sample.
Compressive Strength	Can be increased if full advantage of water reduction is utilised.

### APPLICATION

**DANOMIX LW** is a ready-to-use integral liquid waterproofing admixture which. It can be gauge with the mixing water and then dispensed into the concrete .

If gauging with water is not possible, than it is added to the wet concrete / aggregate mix .

If the admixture is added after addition of 50 to 70% mixing water to the concrete, it provides enhanced plasticising effect and water reduction to the mix.

Never add / dose the admixture to dry cement or aggregate.

### DOSAGE

Per 50 kg. bag of cement, it is recommended to add: 125ml to 150 ml of **DANOMIX LW** for mortar mix and 200 ml for concrete mix .

Overdosage may result in increase in initial and final concrete setting time and air entrainment.

### COMPATIBILITY

**DANOMIX LW** is suitable for use in concrete mixes prepared with all grades of cement including slag and pozzolans.

It is compatible with most admixtures used in the production of quality concrete.

It is recommended to conduct site trial with the admixture in concrete mix to arrive at the optimum dosage and compatibility with various cementitious materials.

## SUPPLY

**DANOMIX LW** is supplied in 20 Ltrs., and 200 Ltrs. drum.

## STORAGE

**DANOMIX LW** must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight. If the product has frozen, thaw at +5°C or above and completely reconstitute using mild mechanical agitation. The shelf life is 12 months in sealed unopened container.

## SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOMIX LW**. Avoid contact with skin, eyes, mouth and foodstuffs.. For further detail, refer to Material Safety Data Sheet.

### VERSION: R1, 202003

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