

ABOUT US

Baral Chemical Company Ltd is the leading and only local manufacturer of building and any other construction oriented chemicals and materials with extra-ordinary properties which are claimed better ones in comparison with respective field. Manufacturer of various types of building & Construction chemicals such as anti-salinity sealer, concrete admixtures with excellence, cementitious-grouting for concrete-joints, heat reducing & water proofing roof ,damp and water proofing liquid felt, cementitious alloy for water leakage, rust remover ,pest controlling products and any other constructional problem solving products which are truly for sound construction and healthy environment. Our Research & Development Department (R&D) has been analyzing, improving and adapting new invented technologies since 1986 to provide quality services for our honorable clients.

Foam-Lub WL

(a water-proofing and anti-corrosive concrete admixture)

Description

Foam-Lub WL is a ready-to-use liquid chloride free waterproofing admixture that extremely improves the superb water-proofing performance when comparing with water-proofing based on existing systems. It's very slippery, water soluble & dispersed when used in cementitious concrete & cement mortar passing the cementitious reaction process. **Foam-Lub WL** improves impermeability of concrete and concrete corrosion protection using unique nano technology to chemically modify the cement matrix by reacting with the cement paste to make water- proofing.

Usages Area

Foam-Lub WL is suitable suitable for all types water-proofing and corrosion protection concrete such as basements, reservoirs, water-tanks, swimming-pools, bridge, culvert, ETP, WTP, dams concrete etc. in a word in all field of cement using where water pressure is high.

Standard Compliance

For high water-proofing and corrosion protection **Foam-Lub WL** complies with the requirements of the following standards: ASTM C 494, Type A, ASTM C 231, BS EN 934-2, BS 1881-122.

Tested by BUET (As per ASTM specifications)
Compressive Strength Test- ASTM C39
Water Reducing Test- ASTM C494
Retarder Test – ASTM C191
Auto Curing Test – ASTM C39
Water Proof Test - As per BUET Specifications

Technical Data

Appearance	Light Yellow Liquid
Specific Gravity	1.07±0.01 at 20 ° C
pH value	7±1
Alkali Content (%)	No affecting alkali
Chloride Content (%)	0.0 (Zero), expressed as a percentage by mass of total admixture.

Advantage

- Water-proofing
- Flow-ability concrete
- Ultimate high Strength Gaining
- Anti-corrosive agent, Salinity protection and Anti rust
- No segregation by much vibration
- Help in perfect compaction, Monolithic bonding
- High workability& better creeping
- Reduces void, porosity, honey combs & hair cracks and permeability
- Reduces thermal rising & protect concrete from the effect of heat of hydration etc.

Dosage

Foam-Lub WL is used generally in the range of 0.5 - 4% by weight of cement depending on the function. The optimum dosage of **Foam-Lub WL** to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use.

Health & Safety

No hazards and not inflammable (Tested by BCSIR)
No health hazards and environment friendly (Tested by BCSIR)
Safe to handles and non- hazardous (Tested by BUET)
If spread in mouth or eyes, wash by much water; before taking food, hands should be washed out properly with soap or detergent.

Package

20 ltr, 200 ltr and bulk supply

Storage

Foam-Lub WL has a minimum shelf life of 2 years provided temperature is keep within the range 10 ° C - 45 ° C. in normal & dry place.

Technical Support

BCCL provides technical support and service on specify dosages, chemical mixing, application method and by perfect supervision. The technical information and application advice given in this Baral Chemical Company's publication based on the present state of our best scientific and practical knowledge.