



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, cementatious-grouting for concrete-joints, heat reducing & water proofing roof, damp and water proofing liquid felt, cemmentitious 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

(A multipurpose concrete Admixture)



Laboratory Demonstration

Description of Item

Foam-Lub mainly composed of 2, 3, 4- Hydroxy Stearato polycarboxalate, competitive grafting emulsified monomers of salts & Ester of Fatty acids & oils, etc. ; for very special properties , different ingredients remain in grafted form with the main polymer chain.

It's very slippery, water soluble & dispersed when used in cementitious concrete & cement mortar passing the cementitious reaction process.

Usages Area

Very strongly recommended for basement, water tank, swimming pool, roof, concrete joints, damp-proofing and any other water emerged construction,etc. where very much water-proofing is required; others are in pilling, cement mortar, ready mix concrete, lime concrete, bridge, culvert, dams, etc. in a word , in all field of cement using.

Technical Data

Appearance	White or a little deviation in colour & liquid to paste like mass depending on temperature
Specific Gravity	01±0.01 (Approx.)
pH value	8.0±0.01
Alkali Content (%)	No affecting alkali
Chloride Content (%)	0.0 (Zero), expressed as a percentage by total mass

Technical Support

Providing technical support and services to specify dosages, chemical mixing, application method by perfect supervision.

Package
1, 2, 4, 8, 12, 20 Liters and bulk supply.

Storage
Foam- Lub has a minimum self life of 2 years in sealed condition, keep within the temperature of 20°C - 40°C. in normal & dry place.

Advantage

- Water proofing
- Early & ultimate high strength
- Damp proofing
- Partial auto curing
- Stop the corrosion of concrete
- No segregation by much vibration, Help in perfect compaction, Monolithic bonding
- Reduces water cement ratio with high wokabilities and high water cement ratio tolerance
- Reduces void, porosity, honey combs & hair cracks
- Anti rust and auto rust remover
- Reduces thermal rising & protect concrete from the effect of heat of hydration etc.

Standards

Compressive Strength Test- ASTM C39, BUET
Water Reducing Test- ASTM C494, BUET
Retarder Test - ASTM C191, BUET
Auto Curing Test - ASTM C39, BUET
Water Proof Test - As per BUET Specifications
Anti Corrosive Test- CPMR Method, BUET

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 with much water. Before taking food hands should be washed properly with soap or detergent.

Dosages

Pilling	125 ml.-200 ml. with 50 KG of cement
Basement	125 ml. to 500 ml. with 50 KG of cement
U. Water Tank / WTP / ETP	250 ml to 500 ml. with 50 KG of cement
Swimming Pool/OWT	300 ml. to 500 ml. with 50 KG of cement
Superstructure	125 ml. to 250 ml. with 50 KG of cement
Roof	250 ml.-500 ml. with 50 KG of cement
Cement Mortar	125 ml. to 500 ml. with 50 KG of cement
Bridge / Culvert / Dam	250 ml. with 50 KG of cement
Ready Mix Concrete	.25% -2% of cement weight
Concrete Joint	4% of cement weight
Others	As per BCCL'S Consultation

Our Recognition

Performance Test Report of our Products , Certified by BUET
ISO 9001-2008
Certification by The Dept. of Architecture, Govt. of the People's Republic of Bangladesh
Certification by British Council
Certification by The Institution of Engineers , Chittagong Centre
Certification by National Museum, Bangladesh, etc.

Enlistment & Clients

Our products are enlisted in the schedule of Military Engineering Services (M.E.S), Dhaka City Corporation (D.C.C) , Chittagong City Corporation (C.C.C) & partially in Pubic works department (P.W.D)

Most of the consultants are recommending and maximum developer companies in Bangladesh are using our products.



Foam- Lub mixing with concrete



Vibration for better compaction



Industrial floor hardening by Foam- Lub



Foam- Lub used in Plaster mortar

Corporate Office

House # 02, Road # 09, Sector # 06
Uttara, Dhaka-1230
Phone : 8958099, 8933092 Fax : 8923355
E-mail : info@baralchemical.com
Web : www. baralchemical.com

Chittagong Office

1025/B, Nasirabad Housing Society
Nasirabad, Chittagong
Phone : 031-2345001
Fax : +88-031-2555002

