



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 (Meta)

(A heat insulating concrete Admixture)



Laboratory Demonstration

Description of Item

Meta Foam-Lub mainly composed of 2, 3, 4- Hydroxy Stearato polycarboxalate, competitive graftsable 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. Moreover this admixture is highly enriched with grafted meta phosphate which latter reacts with the residual aluminum of the cementitious reaction process to achieve insoluble "Aluminium Meta Phosphate" which make the concrete heat insulated.

Usages Area

Very strongly recommended for heat insulated water proofing roof , top slab, concrete water tank installed at roof , concrete joints, cement mortar, cement grout & other heat insulating & water proofing concrete mortar etc.

Technical Data

Appearance	White or a little deviation in colour & liquid to paste like mass depending on temperature
Specific Gravity	1.01 to 0.995±0.01
pH value	8.3±0.001
Alkali Content (%)	No affecting alkali
Chloride Content (%)	0.0 (Zero), expressed as a percentage by mass of total admixture.

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 (Meta) 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

- Heat reducing, i.e. Heat insulating
- Water proofing
- Damp proofing
- Early & ultimate high strength
- Reduces thermal raising of C.C & R.C.C during casting
- Reduces co-efficient of thermal expansion-contraction
- Protect concrete from the effect of heat of hydration
- Partial auto curing
- Stop the corrosion of concrete
- Remove rust and scales
- Super monolithic bonding of new concrete to old one
- Reduces water cement ratio with high workabilities and high water cement ratio tolerance
- Less sound conduction through concrete

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

Heat Insulated Water Proofing roof	500 ml. to 1 liter with 50 KG of cement
Top Slab Concreting	250 ml. to 500 ml. with 50 KG of cement
Cement Mortar	250 ml. to 1 liter with 50 KG of cement
Cement Grout	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 clients 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.

Few Industrial Clients

Rahim Textile, Malek Spinning, JM Fabrics , Salek Textile, Knit Asia, Hameem Group, Zaber & Zubayer Garments, Keya Knit Wear , Orion Group, Badsha Textile, Jony Textile, Interstoff, Sarder Apparels, Fahami Apparels, Fincoly apparels, Experience Garments, Classic Garments, Padak Garments, Adori Knit Composit, Walton, Paradise Group, Sejad Group, Epilion Group, Thermax Group, Noman Group, Prime Group, Marico, Olympic Group, Denimeek Group, Ananda Group, Sad Musha Group, Mostofa Group, PHP Group, Kazi Firm, Yunesco Group, Abul Khair Group, SA Group , High Speed Group, Square Group, Labaid, Incepta, Reneta, Novusta, Moundi, General, Globe, Veritus, Amumulate, Xyrox, Seven Rings, Satghora, Akij Group, Confidence Group, ACI, Pubali Salt, MI Cement, Madina Group, Etc.

Some Special Projects

Japan Garden City, GP House , Army Golf Club, Viqarunnisa Noon School & College, Apollo Hospital, Multiplan Red crescent City, Multiplan City, Lake City Concord, etc.
BTI- Premier Plaza, Grand Plaza, Central Plaza, With all other Projects, etc.
DCC- Wholesale Kitchen Market- Amin Bazar. Jatrabari, etc.
D- Water, South China, DEPZ, etc.
North Tower, Natore Tower, RAK Tower, Giant Tower, Tropical Allauddin Tower, Brac Arong, American Hospital, etc.
Chayanut, Chaya Neer, Dhaka Art Centre, Nillu Square, Khan Plaza, etc.
Hotel Westin, Rangs Water Fornt, Suvastu Imam Plaza, Crystal Palace, etc.
Green Peace, Green Cottage, Park Show, Symphony Tower, etc.
Tanim Square, Green Life Hospital, Golden Hospital, Gold Place, Akram Tower, Kaisuddin Tower, Nurul Hoque Tower, Lucky Tower, Shamoly Complex, AL- Manar Hospital, etc.
Equity- Equity Village, Mellinium, Soptorshi, Equity Arnob, Tillotoma, Bayholi, Equity centur, Shobnom, Finlay, etc.
Mismak- Sanmar Hotel, Season Square, Mismak Manami, etc.
Sanmar- Sanmar Ammoratto, Avendino, Tasmin, Ocen City, etc.
Araf Hospital, Mecca- Modina Tower, Symon Beach, Ocean Green, Ocean Paradise, Sea Pearl, Cox's Bazar Radisson Hotel, etc.
Moon Hospital, Ananda City Centre, Hoque Tower, Rama Complex, MN Tower, Fine Tower, Mordern Tower, etc.
Da- Gaon Vuiyan Super Market, Samarita Hospital, etc.
Suchana Centre Point, Balika Shopping Complex, Joynul Abedin Shongrohosala, etc.
Baro Bhuyan Tower, Silco Tower, W Tower, Al-Hamra Shopping Complex, etc.



Foam-Lub (Meta) Mixing with concrete



Preparation of cement grout with Foam -Lub (Meta)



C.C casting with Foam -Lub (Meta) by using wiremesh



Completed roof

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