



About Us

Clexo Engineering & Chemicals Private Limited is one of the main providers of Water-Proof Coatings like Liquid Applied Layers/Polyurethane Covering, Acrylic Polymers, Acrylic Co-Polymers, Crystalline(Nano-Technology)Based Coatings, All Sort of Joint Sealant like Polyurethane, Polysulphide, Bitumen, Woven/Non-Woven Geotextiles, HDPE/LDPE Sheet, Drain Cell And Drain Board .Bitumen and allied products as a APP(Atactic Polypropylene) Membrane,Anti-Corrosive Pipeline Wrapping Tape, Instant Pothole Repairing Compound, Admixtures, Section-Lignousulphonate, Sulphonate Naphthalene Formulaide Base, Polycarboxylate Ether Base and some more. We are driving Waterproofing administrations supplier and waterproofing workers for hire In india. We give 5 and 10 years guarantee (relies upon the material quality) on our all administrations including new and old administrations from us. **CLEOX ENGINEERING & CHEMICALS PVT. LTD.** has remained an expert waterproofing administrations worker for hire on both new developments . We give our waterproofing administrations like cellar waterproofing, patio waterproofing, garden waterproofing, epdm layer waterproofing,application membdrane waterproofing, infusion grouting and guniting waterproofing and so forth. We mean to outperform true abilities on each task, without fail. Our fundamental motto is client fulfillment is our fulfillment so don't be timid go ahead and reach us. Moment Waterproofing gives the best waterproofing answers for the clients. **CLEOX** presents to you a chose scope of specialty materials alongside Administrations predominantly taking care of **CPIBAG (Corporate, Projects, Industries, Builders, Architecs and Government) Industries.**

Our Vision



To be an exploration driven confided in accomplice of our clients through convenient conveyance of value items at serious costs in specialty/volume market. o present climate/client amicable items, consequently working with progress in the existence of individuals.Be a complete arrangement supplier for a wide range of Waterproofing, Defensive/Hostile to DestructiveCovering and Street Surfacing.To be a forerunner in its RestoFix business section taking special care of Rebuilding/Remodel.To turn into the main development Organization in the worldwide market while conveying prevalent nature of items and activities that reliably surpass Global Guidelines and give Excellent Consumer loyalty.To ceaselessly convey superb worth and creative development answers for meet our clients'prerequisites.

Influence worldwide advances and our top to bottom information to foster creative items for our clients and drive feasible development. Fabricating successful and powerful items seat set apart as indicated by worldwide norms. Following through on our vows to clients and attempt to surpass their assumptions.

To perform for our clients the most significant level of value development items and administrations at fair and market serious costs.

To guarantee the life span of our organization through rehash and reference business accomplished by consumer loyalty in all areas including practicality, scrupulousness and administration disapproved of perspectives.

To keep up with the most elevated levels of amazing skill respectability, genuineness and reasonableness in our associations with our providers, subcontractors, proficient

Our Mission



Our Corporate Obiectves



To further develop development quality and efficiency to levels similar with those in created nations
To raise abilities and amazing skill of firms and faculty in the business, and advance the product of development administrations
To guarantee building security, very much oversaw and kept up with structures, and manage a dynamic administrative system
To be the specialized power and government's counselor on primary and common protection cover designing
To construct an association that encourages collaboration and advancement and fosters our staff to their greatest potentia

Reasonableness and Regard: Our kindred representatives, clients, providers and subcontractors will be treated with decency and regard.

Great Neighbor: Our people group will view us as a decent neighbor. Climate: We will safeguard the climate.

Make the best choice: We are focused on making the best choice consistently.

Cooperation: We will function collectively with all venture partners.

Significance: We are focused on being an extraordinary organization.

Responsibility: All representatives will be considered responsible for their doled out liabilities.

Representatives: Our workers will be compensated for their work abilities, efficiency, development, development and the capacity to be a cooperative person. They will be supposed to share their thoughts, work abilities and coach new representatives. Security: We are liable for the wellbeing of our workers, subcontractors and people in general.

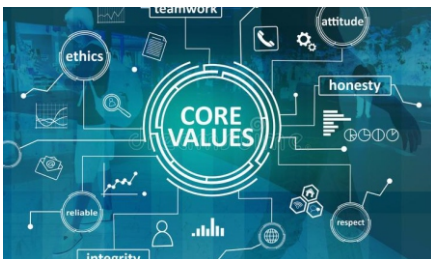
Our gear will be very much kept up with in a protected condition.

Clients: Our clients will get a quality item, at a fair cost.

Constant improvement: We will empower ceaseless improvement and benefit development. We will enroll and hold the best individuals and furnish them with preparing and schooling. We will foster proficient pioneers.

Connections: We will foster well established associations with proprietors and accomplices. We will be a comprehension and regarded accomplice who increases the value of all connections.

Our Core Values



Liquid Applied Coatings



CLEXOLiquid Applied Coatings range of Acrylic/Bituminous Modified/Polyurethane/SBR/Crystalline/Cementitious Coatings; provide superior tensile strength along with elongation even in the coldest environments. Additionally with Liquid Applied Membranes, Vendors/ Contractors now have an efficient mode of application by brush/spray in comparison to conventional bitumen roofing.

The Main Advantages of CLEXOLiquid Applied Coatings Include:

Life and durability of the structure is increased | Easy to use, no mixing or heating required | Very good bonding to damp surfaces | Lightweight compared to conventional roofing systems, thereby loading on the roofs is reduced | Provides seamless and joint free seal throughout the surface | Lower Labour Cost due to easy, simple and quick application, leading to early completion and time saving | Excellent bonding to substrate such as concrete, masonry, wood, metal, plastic, etc. | Excellent crack bridging capacity along with Warranty Parameters.

CLEXOLiquid Applied Coatings is used as a waterproofing membrane on the following structures

- * **CLEXOELAST-LCB** is optimally suitable for application on structures having complicated geometry like domes, arches, shells, folded plates, paraboloids, corrugated sheets, etc.
- * It provides additional waterproofing and protection when used as base and/or intermediate coat in brickbat coba and / or IPS flooring.
- * Inverted Roofs & Parapets | Terraces, Balconies & Patios | Sunken Slabs | Bridges & Tunnels | Airport Aprons & Ramp Areas | Concrete foundations & footings | Basements | Pile heads | Swimming Pools & Water Retaining Structures.

Product	Dilution Ratio with Water		Coverage/Kg for 2 Coats	Dry Film Thickness in Microns (u)
	Primer	1 st & 2 nd Coat		
CLEXOELAST-LCW CLEXOELAST-LCB	1:1	Upto 20% for 1 st Coat Upto 10% for 2 nd Coat	20-25 Sqft (Meatals) 15-20 Sqft (Concrete)	300-400 μ in 2 coats. Apply@ 1Kg/M to achieve ≥800μ
CLEXOPU-LCK CLEXOPU-PRIME	N/A N/A	Mixing Ratio -1:0.2 Xylene. Undiluted	8-10 Sqft 30-50 Sqft	2 Coats will give 800μ 1 Coat will give 200μ
CLEXOELAST-LCB50 CLEXOCRETE-CWC	1:1 1:1	Mixing Ratio -1:0.2W Mixing Ratio -1M : 0.2W : 2.5-3 Cement	15-20 Sqft (Concrete) 13-18 Sqft	1 Kg/M to achieve 800μ 2 Coats will give 1.0 mm
CLEXOBOND-2K CLEXOKRYST-SEAL CLEXOLATEX-SBR CLEXOLATEX-SBR	N/A N/A 1:1	Undiluted Mixing Ratio -5 : 2- V & 3 : 1 -H Mixing Ratio - 1 : 0.3	5-6 Sqft 5-6 Sqft 13-18 Sqft	2 Coats Will give 1.8mm 2 Coats will give 1.0mm 2 Coats will give 300μ
CLEXOCOOL-COAT CLEXOPROOF-WPU	1:0.8 20% Water Dilution	Upto 10-15% for 1 & 2 Coat Undiluted	12-15 Sqft 10-12 Sqft	2 Coats will give 300μ 2 coats will give 1.0 mm
CLEXOCLEAR-COAT	N/A	Undiluted	50-60 Sqft for 1 Coat	2 Coats will give 400μ

Waterproofing is the process of making an object or structure waterproof or water-resistant so that it remains relatively unaffected by water or resisting the ingress of water under specified conditions. Such items may be used in wet environments or underwater to specified depths.

LIQUID APPLIED MEMBRANE/COATINGS IS THE BEST SOLUTION FOR WATERPROOFING.

(A) CLEXOELAST-LCW (Acrylic UV Resistant Liquid Waterproofing.) (Confirms to ASTM C-836 & C-898)



Description:-

CLEXOELAST-LCW is a one pack roof coating. It is a single component liquid applied coating.

CLEXOELAST-LCW is a special synthetic resin-based waterproofing coating. because of its excellent flexibility and thixotropic nature coating with weather resistance. its applied by brush or spray and after drying can be walked upon uncovered in special case. It cures on exposure to the atmosphere and forms an elastomeric seamless membrane.

(B) CLEXOELAST-LCB/ CLEXOELAST-LCB50 (Highly Elastomeric Bitumen Modified Acrylic Coating) GRADE-500 & GRADE-1000



Description:-

CLEXOELAST-LCB is a single component liquid applied coating.

CLEXOELAST-LCB is high performance waterproofing liquid coating that dries to form a tough and flexible impermeable coating.

CLEXOELAST-LCB is a cold applied liquid waterproofing membrane Which has 800±150% Elongation. Specially designed from a blend of special resin and rubber reinforced with special water-repelling filler it is a blend of tropical grade bitumen emulsion with modification using pure acrylic polymer.

(C) CLEXOPU-LCK (Hybrid PU Modified Elastomeric Waterproof Coating) (Confirms to ASTM C-836 & C-898)



Description:-

CLEXOPU-LCK is a single component liquid applied coating.

CLEXOPU-LCK is high performance, applied hybrid polyurethane modified bituminous elastomeric waterproofing membrane.

CLEXOPU-LCK when applied on a surface, gives a continuous monolithic film which is rubbery and elastic in nature.

(D) CLEXOPU-PRIME (Special Polymerized Primer for PU Coating)



Description:-

CLEXOPU-PRIME is a clear/black, single pack, moisture cure polyurethane coating. CLEXOPU-PRIME is a single component adhesion promoter primer and sealer for us where toughness, chemical resistance, fast curing, and printability are required.

(E) CLEXOCRETE-CWC

(Acrylic Polymer Based Waterproof Coat & Bonding Agent) Grade-30 & Grade-50



Description:-

CLEXOCRETE-CWC is an acrylic based polymer modified cementitious waterproofing system. It can be used as a waterproofing membrane for terraces, balconies and roof slabs. Mortar modified with

CLEXOCRETE-CWC has improved physical strength, and superior adhesion to old concrete, masonry, brick, and many other surface. When mixed with cement will provide the unique solution to all problems related to water leakage and protects from severe fungus, salt penetration, or environmental attack.

(F) CLEXOBOND-2K

[Two Component Cementitious Waterproofing]



Description:-

CLEXOBOND-2K is a two component cementitious & acrylic polymer-based flexible waterproofing & protective coating made up of the best quality Portland cement, properly selected & graded aggregates additives & acrylic emulsion polymer as a binder. It is a simple apply by brush, roller and once dry it forms a strong flexible waterproof coating. This coating cures to form elastomeric waterproofing

(G) CLEXOKRYST-SEAL

Surface Applied Cementitious Crystalline based Concrete Waterproofing System (Confirms to IS 2645 DIN 1042)



Description:-

CLEXOKRYST-SEAL is crystalline waterproofing slurry for concrete substrates. It is a single component unique reactive chemical treatment for the waterproofing, protection and repair of concrete. **CLEXOKRYST-SEAL** seal cures a lot faster than the current standard products eliminating the need for days of water curing and protection. The active chemicals diffuse into the substrate and react with moisture and the constituents of hardened concrete to cause a catalytic reaction. This reaction generates a non-soluble crystalline formation throughout the pores and capillary tracts of the concrete, as well as cracks, permanently sealing the concrete and preventing the penetration of water and other liquids from any direction.

(H) CLEXOLATEX-SBR

(Styrene-Butadiene Rubber Based Polymer)



Description:-

CLEXOLATEX-SBR is a single component water based emulsion of a modified SBR (Styrene-Butadiene-Rubberized) based polymer, consisting of polymer and liquid additives. It is used for the repair of spalled concrete- floors, columns, beams, chajja's, slabs & waterproofing of toilets & bathrooms, small terraces etc. It develops an excellent bond to most building material hence becoming a part of concrete repair.



CLEXOLATEX-SBR can be used as bonding agent also. As it bonds strongly to old & new concrete and plasters.

(I) CLEXOCOOL-COAT

High Performance, PU Hybrid, Water-Based Modified Waterproofing Membrane
(It is a Class III, International Waterproofing Building Code of Practice Standards.)



CLEXOCOOL-COAT coating system is a revolutionary, field applied, infrared heat-reflective coating specifically designed for roof/terrace, basements, metal roof, tiles roof and wall surfaces. It's a specially designed single part, pollution free liquid heat reflective roof insulation & waterproofing coating based on special synthetic resin. It offers superior UV resistance and high solar reflective.

CLEXOCOOL-COAT helps achieving reduction of 10-15 °C in interior temperature.

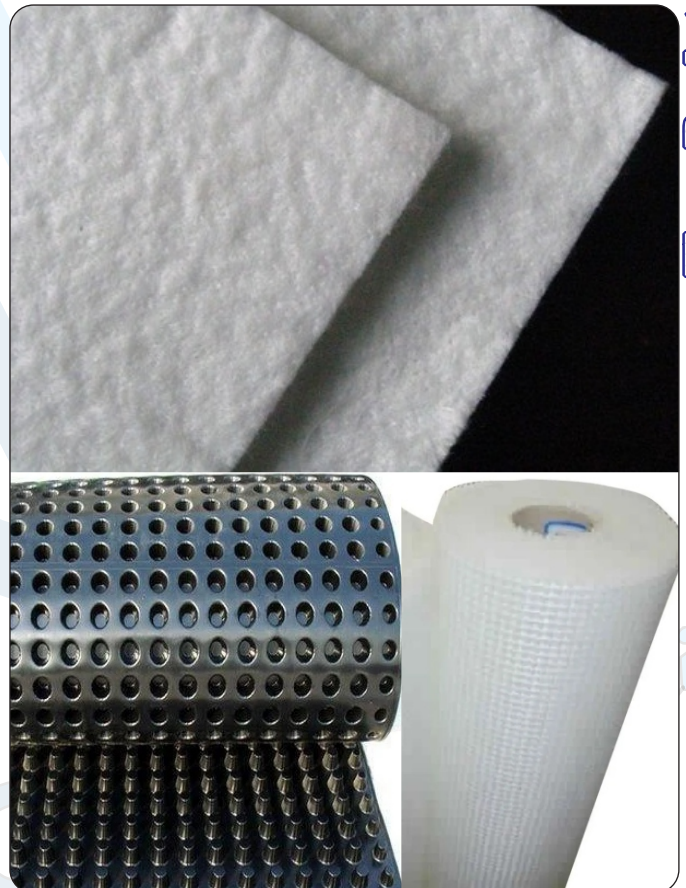
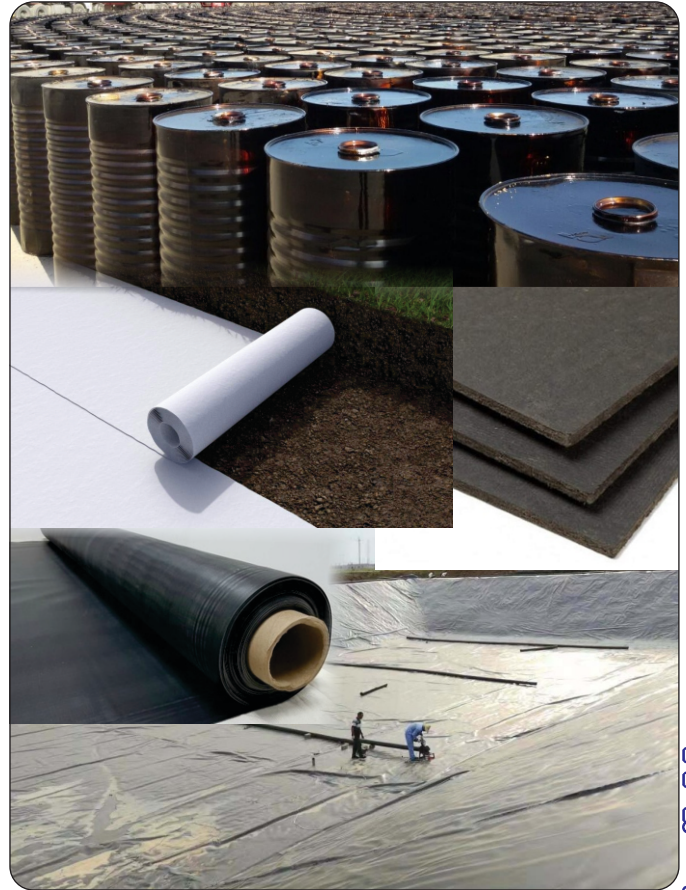
(J) CLEXOCLEAR-COAT

TRANSPARENT/ CLEAR WATERPROOFING COATING

CLEXOCLEAR-COAT is an elastic, transparent acrylic UV TRP that provides resistance to weathering, and foot traffic and offers UV and weathering properties. They give glossy finish with enhance the color of the substrate. It waterproofs the concrete and other absorbent very effectively.

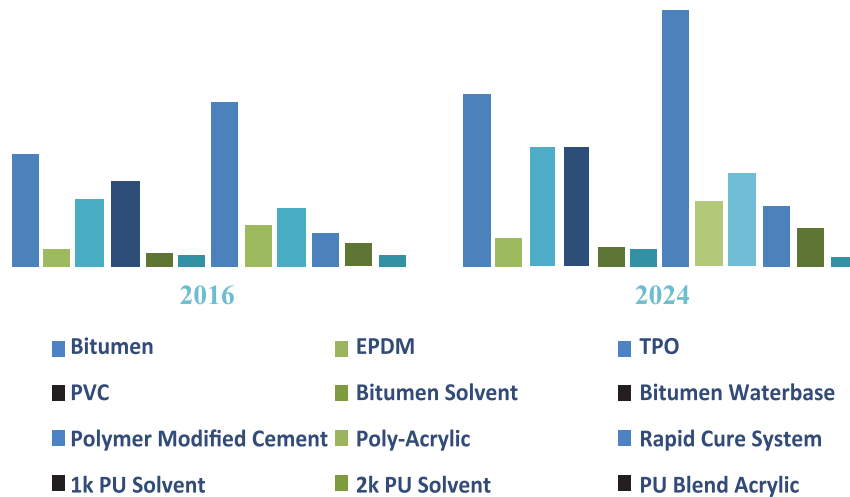
Note :-

Liquid Membrane Packing Available – 1Kg, 5Kg, 10Kg, 20Kg, 50Kg & 200Kg.



These Products are also Available ...

App Membrane Segment



CLEXO APP range of APP Modified Bituminous Membranes provide superior tensile strength while maintain critical flexibility even in the coldest environments. Additionally with APP roofing membranes, Vendors/Contractors now have an efficient mode of application by heat welding in comparison to conventional bitumen roofing.

The Main advantages of CLEXOAPP Membranes include:

Enhanced Bitumen Performance by Increasing UV Resistance | Increasing Flexibility at low Temperatures | Climate Adaptability | Improving Flow Resistance at High Temperatures | Excellent Weathering | Fire Resistant Properties.

CLEXOAPP is used as a Waterproofing Membrane on the Following Structures:

Inverted Roofs & Parapets | Terraces, Balconies & Patios | Sunken Slabs | Bridges & Tunnels | Airport Aprons & Ramp Areas | Concrete Foundations & Footings | Basements | Pile Heads | Swimming Pools & Water Retaining Structures.

CLEXOAPP MEMBRANE is packaged in (20/15/10 Mtr Length × 1Mtr Width) as per given details:-

GRADES	STANDARD-APP	HIGH-APP	TOP-APP	PLASTIC-FELT	PBS/GLASS-FELT	MIN/GT/AL	SELF-SBS
WEIGHT	30Kgs/40kgs/50kgs	30Kgs/40kgs/50kgs	30Kgs/40kgs/50kgs	30Kgs/35Kgs/45kgs	25Kgs-46kgs	30Kgs/40kgs/50kgs	22-45Kgs
THICKNESS	2mm/3mm/4mm	2mm/3mm/4mm	2mm/3mm/4mm	0.8mm/1mm/1.5mm	1mm- 2mm	2mm/3mm/4mm	1.5mm/2.0mm
LENGTH	10 Meter	10 Meter	10 Meter	20 Meter	20 Meter	10 Meter	10/15mtr
WIDTH	1 Meter	1 Meter	1 Meter	1 Meter	1 Meter	1 Meter	1mtr

APP Modified Bitumen Membranes:

(A) - CLEXOSTANDARD-APP

Reinforcement: 160-180 GSM Non Woven Polyester Mat
(Confirms to ASTM D-36, ASTM D-5 & ASTM D-5147)

Description:-

CLEXOSTANDARD-APP Membrane is a plastomeric waterproofing membrane consisting of five layers manufactured from a rich mixture of bitumen and selected polymers (Atactic Poly Propylene) blended together to obtain excellent heat & UV resistance and waterproofing properties. The polymerized bitumen is coated on to a dimensionally stable reinforcement core of 160-180 GSM non-woven spun bond polyester Rot-proof fabric/Non-Woven Polyester mat.



(B) CLEXOHIGH-APP

Reinforcement: 45 Gsm Glass Fiber Mat
(Confirms to ASTM D-36, ASTM D-5 & ASTM D-5147)



Description:-

CLEXOHIGH-APP is a plastomeric waterproofing membrane consisting of five layers manufactured from a rich mixture of bitumen and selected polymers (**Atactic Poly Propylene**) blended together to obtain excellent heat & UV resistance and waterproofing properties. The polymerized bitumen is coated on to a dimensionally stable reinforcement core of **45-50 GSM Glass-Fiber Reinforced**. The membrane has excellent mechanical properties and is highly resistant to fatigue and is designed for use in structures exposed to high temperatures.

(C) CLEXOTOP-APP

Reinforcement: 100 Micron HMHDPE Mat
(Confirms to ASTM D-36, ASTM D-5 & ASTM D-5147)



Description:-

CLEXOTOP-APP is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of **100 micron High Molecular High Density Polyethylene Film**. The Polyethylene Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with SBS/APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer modified bitumen is

protected on both side with thermo fusible High Molecular High Density Polyethylene Film. The polymeric membrane has elongation exceeding 300% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.

(D) CLEXOPLASTIC-FELT

Reinforcement: 20 Micron HMHDPE Mat

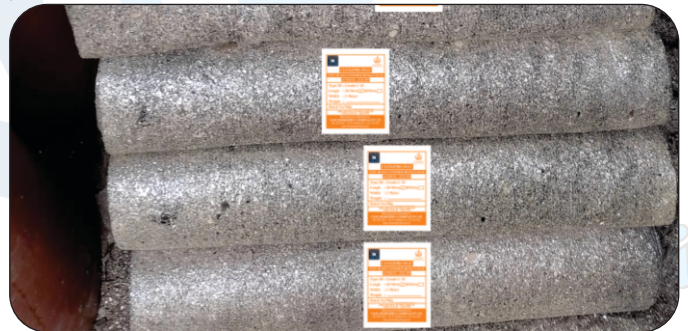


Description:-

CLEXOPLASTIC-FELT is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of **20 micron High Molecular High Density Polyethylene Film**. The Polyethylene Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer modified bitumen is protected on both sides with thermo-fusible High Molecular High Density Polyethylene Film. The polymeric membrane has elongation exceeding 300% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.

(E) CLEXOPBS-FELT/CLEXOGLASS-FELT

Reinforcement: Hessian/Fiber Glass Base
(Confirms to IS :1322-1993/7193-1994)



Description:-

CLEXOPBS-FELT/GLASS-FELT

consists of a center core of hessian/Fiber-glass base adequately coated on both sides

with oxidized Bituminous compound. The coatant i.e. the mixture of Bitumen as specified by I.S. specifications is uniformly applied. The resultant Coated Felt shall be given a superficial application of mineral powder to prevent the layer of the coated felt sticking together in the roll. Mica / sand is then spread over on both faces to prevent intersticking of layers. This also gives useful protection against the effects of the sun and when laid on roofs, does not need further treatment.

(F) CLEXOSELF-SBS

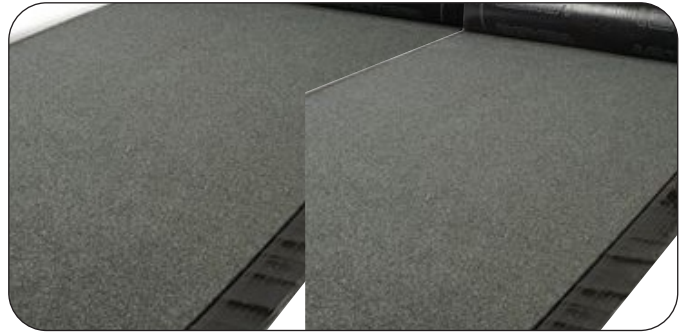
Reinforcement: [Self-Adhesive Reinforced Membranes with Glass Fibre and Non-Woven Polyester]



Description:-

CLEXOSELF-SBS Membrane is a cold applied self-adhesive sheet membrane comprising of a G.I Sheets/ SBS/Polymer modified bitumen layer bonded on to an outer surface of cross laminated polyethylene film of 200 Microns. The SBS/Polymer bitumen adhesive layer is protected on the underside by a silicone release paper which is removed just prior to the application of **CLEXOSELF-SBS** to the tack coat primed substrate. Sheets, The applied membrane is then immediately protected from UV light and from mechanical damage during subsequent back filling by the application of Protection Board, or a sand/ cement screed.

(G) CLEXOMIN/GT-APP (Reinforcement: [Mineral Finished/Geotextile Finished/Aluminium Foil Topped Finished Membranes with Glass Fibre and Non-Woven Polyester]
(Confirms to ASTM D-36, ASTM D-5 & ASTM D-5147)



Description:-

CLEXOMIN/GT-APP is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of **160 gsm/sqm Non-Woven Polyester Mat**. The Polyester Mat Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with SBS/APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer-modified bitumen is protected on one side with thermo fusible High Molecular High Density Polyethylene Film and UV-resistant mineral granules on the other side. The polymeric membrane has elongation exceeding 60% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.



Bituminous Products Segment

Features

- Excellent Adhesion
- Fast Curing
- Chemical Resistant
- Multipurpose

General Properties

- Color: Black
- Cure Time: 30-60 min
- Shelf Life: 12 months
- Chemical resistance: Excellent

Recommended Substrates:-

Metallic | RCC | Concrete | PUF



(A) CLEXODAM-PRIME Solvent Based Primer
(As Per IS : 3384-1986 and BS 4147-1980)

Description:-

CLEXODAM-PRIME is a solvent based bituminous primer that seals pores in surfaces such as concrete and improves the adhesion of bituminous materials that are to be applied to the substrate. It is suitable for brush or spray application.

(B) CLEXOKOTE-PRIME is water based modified bituminous primer which penetrates and activates the substrates. It also improves adhesion between the substrate and preformed bituminous sheet membranes. It resists low temperature cracking and also does not crack under the influence of strong sunlight

(C) CLEXOTHETIC-PRIME is resin based synthetic primer containing special rubber resins for pipe line coating designed for CLEXOPIPE-PWT and special Grade of coal tar / Bitumen base.

(D) CLEXOANTICO-BJP (As Per IS : 9862/1981 and 158/1981)

CLEXOANTICO-BJP is an excellent waterproofing and anti-corrosive performance. Resistance to weathering, oxidation and mild acids and alkali solutions. It is a general purpose bituminous anti-corrosive compound suitable for coating inside the water tank, drum and other such applications. It is very effective against corrosion.

(E) CLEXOSILVER-HRP(Aluminium or Silver Color Paint)(High range UV protected, Confirms to IS-2339-1963)

CLEXOSILVER-HRP (Aluminum/ silver color Paint) is a cold applied highly reflective bitumen base aluminum Coating. It is outstanding weathering resistance and durability. Good adhesion, flexibility and reflectivity. Good chemical, Reflect the Sun/UV rays. It is also used to protect corrosion & heat resistance ,and metal structure in order to reduce air-conditioning costs in summer.

(F) CLEXODAM-EMLU When bitumen is dispersed in water in minute particles, it is called Bitumen Emulsion. The oil in water type emulsion confirms to **IS: 8887 – 1978**. Latest Technologies ideal for road and other applications, in cold state. Road Emulsion are broadly classified under Cationic and Anionic types. Our Cationic type of Road Emulsions are as per **IS: 2004** and Anionic type as per **IS: 3117: 2004**. We produce broadly three categories of each type of Road Emulsion- **Rapid Setting, Medium Setting & Slow setting**.

(G) CLEXOCOLD-STICK is a cold applied adhesive for fixing roofing felts and other insulating material on various surface.

CLEXOCOLD-STICK is recommended where the use of hot bitumen is either difficult or prohibited.

CLEXOCOLD-STICK is manufactured from select grades of bitumen, suitably blended with other raw material, to achieve creamy appearance in semi liquid consistency.

(H) CLEXOMASTIC-PANEL Anti-Corrosive bitumen paint (Confirms to IS: 9862) is Bitumen Mastic for use in water proofing of roofs. **CLEXOMASTIC-PANEL** consists of mixture of selected grades of bitumen aggregates & mineral filler in suitable properties to give it a semi fluid consistency when heated to 180°C.

(I) CLEXOULTRA-CC is cold applied bituminous compound consist of bitumen, resinous oils and suitable fillers to form a smooth and homogenous paste in compliance with IS: 1580-1989. It is available in putty.

Sealants, Grouts and Powder Products



Hot Applied Joint Sealant (High Range Pour Sealing Compound, Grade-A&B, Confirms to IS-1834/1984.)

A Joint Sealing Compound must display good adhesion towards concrete and have the ability to withstand extension without cracking. It must also have a low susceptibility to flow during hot weather conditions. It should be durable and plastic, and at the time offer resistance to ingress of solid foreign matter. The filling up of joints with expansion joint filler itself is not enough to prevent the ingress of water. The top surface of the joints-construction, dummy as well as expansion joints are sealed with material which is waterproof as well as weather resistant. It has two grades such as **CLEXODAM-SEAL GRADE-A & GRADE-B**.

CLEXO1K-INJECT is a very low viscous, pale yellow colored elastic and solvent-free polyurethane injection resin which reacts with water in a controlled manner to form a swelling, resilient adhesive solid in densities and strength appropriate to the designated task. In contact with water, a uniform, closed and therefore watertight pore structure forms, which is elastic and flexible. Reaction with water yields a flexible polyurethane foam. To be injected with a one-component pump. When injected under pressure into leaking structures, through the process of polymerization, a permanent flexible water barrier is formed. The liquid retains its initial low viscosity upon contacting water allowing it to flow without dilution.

CLEXO2K-INJECT is two part liquid polyurethane. When mixed in the proportion supplied they react to form a tough, slightly flexible resin. **CLEXO2K-INJECT** has a good adhesion to concrete and masonry and when injected into cracks it allows some movement without loss of bond.

CLEXOPOLY-SEAL is a two pack THIOKOL (a registered trade mark of MORTON THIOKOL INC, USA) Polysulphide based Sealant with two available grades.

After mixing two packs, the mixed material provides a strong and highly elastic sealant through cross linking process.

CLEXOPOYL-SEAL-G gun applied or non-sag type for vertical and inclined expansion contraction joints.

And **CLEXOPOYL-SEAL-P**, Pouring type for horizontal joints.

Standards: Complies with **DIN 18540**, US Fed. Spce 77-S-00227E, British Standard **BS 4254**: 1983 5212 -1990 & 12118 -1987.

CLEXOPU-CLAMP1K is elastic, single component, and **CLEXOPU-CLAMP 2K** is elastic, dual component, self-leveling, moisture curing polyurethane sealant specifically developed to be used as a multi-purpose floor joint sealant in applications where high chemical resistance to fuels, oils and hydrocarbons is required. The product is suitable for sealing expansion, construction and dummy joints in rigid pavements, apron areas, runways, taxi tracks, parking bays, hangars and internal and external pedestrian and trafficked joints. Concrete roads, petrol stations, warehouses, showrooms etc. are other application areas.

Concrete Admixtures & Curing Compounds



(A) CLEXOCONPLAST-IWC

(Integral Waterproofing Admixture- Lignosulphonate Based)

CLEXOCONPLAST-IWC is an integral waterproofing admixture for concrete / mortar which chemically converts the water-soluble compounds present in concrete / mortar into stable water insoluble compounds. It has good plasticizing properties, makes concrete cohesive and prevents segregation. It is used for all types of concrete / mortar requiring water impermeability.

(B) CLEXOCONPLAST-SP501

Anti-Corrosive, High Range, Water Reducing Super Plasticizing Admixture (Conforms to ASTM C 494 Type C)

CLEXOCONPLAST-SP501 is a high performance set reducing, Super-Plasticising admixture for use in Concrete and Portland cement.

APPLICATION

Used for production of High Quality RMC, medium to high strength concrete, with good slump retention.

CLEXOCONPLAST-SP601

Super-Plasticizer & Retarding Admixture (Conforms to ASTM C 494 Type A & D)

CLEXOCONPLAST-SP601 is Brown solution based on selective Polymers to produce high workability concrete without loss of strength. It promotes high and early ultimate strength by taking advantage of water reduction whilst maintaining workability.

CLEXOCONPLAST-SP701

Water Reducing, High Range SNF Based Super Plasticizer (Conforms to IS: 9103:1999 and BS: 5075 Part 3)

CLEXOCONPLAST-SP701 is based on Sulphonated Naphthalene Polymers and supplied as a brown liquid instantly dispersible in water. CLEXOCONPLAST-SP701 has been specially formulated to give high water reductions up to 25% without loss of workability or to produce high quality concrete of reduced permeability.

CLEXOCONPLAST-SP801

New Generation Slump Retaining Concrete Super Plasticizer- PCE Based) ASTM C 494 TYPE A & F & IS: 9103 - 1999.

CLEXOCONPLAST-SP801 is a High Range Water Reducing Admixture for High performance, High strength and durable concrete. It is based on a **Polycarboxylate Ether (PCE)** Polymer. The main polymer backbone has carboxyl groups for the adsorption on the surface of cement particles and alkoxy polyether lateral chains that keep the particles physically away from each other.

CLEXOADMIX-KRYST

(Integral Waterproofing Admixture- Crystalline Based)

CLEXOADMIX-KRYST is an integral waterproofing compound in powder form which acts by crystallization method to seal capillaries in concretes and mortars. CLEXOADMIX-KRYST is added to the concrete or mortar at the time of batching. CLEXOADMIX-KRYST is a free flowing powder, composed of ordinary Portland cement, selected treated fillers and proprietary active chemical ingredients. In concrete the active ingredients of CLEXOADMIX-KRYST react with the products of cement hydration in presence of moisture to activate catalytic reaction which produces non-soluble crystalline formations which block the capillaries effectively and permanently.

ADVANTAGES

- Increased Strength without increase in cement content.
- Improved Durability by increasing density and lowering permeability.
- Chloride free. It is safe in pre-stressed concrete and with sulphate resisting cements.
- Reduced segregation.
- Produces high early strengths.
- Corrosivity - Non-Corrosive.

DOSAGE

The optimum dosage determined by 0.6-1.4% by weight of Cement.

Underground Pipeline Anticorrosive Wrapping Tapes

CLEXOPIPE-PWT 2mm/3mm/4mm: Bitumen/Coal Tar based Pipeline Wrapping Tape

Description:-

CLEXOPIPE-PWT is an Anti-Corrosive tape based on Coal Tar/ Bitumen and specifically designed to comply with the requirements of **IS: 10221-1982**. It incorporates a centre core of 45 gsm/sqm of Fibre Glass Tissue and HMHDPE film of 20 micron which lends mechanical strength, dimensional stability to the product. These centre cores are laminated with 3 layers of coal tar or bitumen mix. The final product has a top and bottom layer of thermo fusible HMHDPE Film. All the seven layers are calendared together to create this revolutionary 2mm/3mm/4mm thick tape. The material conforms to **IS: 15337-2003 and AWWA: C203-2008**.

ADVANTAGES

- Excellent resistance to positive water & vapor pressure.
- Good heat resistance.
- Moisture Resistance.
- Good dimensional stability under tension.
- High puncture and fatigue resistance.
- High tensile and tear strengths.
- Corrosion Prevention.



CLEXOPIPE-SELF

Description:-

CLEXOPIPE-SELF is Self-Adhesive high quality bitumen or coal tar/ Bitumen based wrapping and coating anticorrosive tapes which confirm to IS: 10221-1982 & 15337-2003. It incorporates a center core of 45gsm of fiber glass tissue and HMHDPE film of 20



micron which lends mechanical strength, dimensional stability to the product. It is made up of specially formulated polymeric mix provides high softening point, high penetration and resistance to ageing. the tape comprises of thermo fusible HMHDPE film on both sides which provides high anticorrosive protection to the pipe lines and aids in the installation process. CLEXOPIPE-SELF is on available in 1.5mm & 2mm thickness

Road Repair & Construction Compounds

CLEXODAMMIX-IPHR

Description:-

CLEXODAMMIX-IPHR is an asphalt ready mix high performance pavement/patching for deteriorated, potholes concrete or bituminous pavement surfaces. It is an instant road repair compound which is manufactured with a blend of bitumen, aggregates and high grade polymers to ensure immediate bonding with existing surface. Repair of heavily trafficked road and airfield pavements using conventional materials and procedures is difficult, inconvenient to user and generally not very satisfactory. Ready to use patching materials to up-keep pavement traffic worthy, are essential.

Quality of mix is consistent

- Patches are more stable • Quality of mix is consistent.
- Preparation of surface for repairs is minimal.
- All weather repairs – dry, wet, cold, hot.
- Ready to use patching mix needs very little time for application at site (Environment Friendly).
- A very common problem of urban areas is repair of utility cuts in the pavement.
- These mixes provide quick and efficient repair with least interference with traffic.
- No cutting, tacking or mechanical equipment is required, thus enabling job creation for unskilled labour and saving time and money.



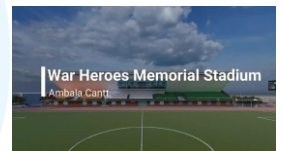
OTHER ADDITIONAL PRODUCTS

CLEXOTEXTILE-W is a UV stabilized, needle punched, nonwoven geotextile produced from 100% polypropylene staple fibers. It is a unique product reflecting state of the art waterproofing protection products. It is to allow the passage of fluids whilst preventing the uncontrolled passage of soil.

CLEXODAM-GRADE

Oxidized Bitumen 85/25 is a standard oxidized grade bitumen usually used for various purposes in the construction business. It is a waterproofing asphalts produced by reacting selected petroleum asphalts without adding catalyst. Industrial Bitumen is a dark, petroleum residue modified by the oxidation process. Its consistency ranges from highly viscous to solid. Industrial Bitumen is a safe and inexpensive material which has multiple uses in industry and a wide range of applications and has characteristics of Waterproofing, Plasticity, Adhesion and resistance towards acid and alkalis. It also makes an efficient electrical insulator, because it has excellent dielectric strength. bitumen 85/25 is a semi-solid CLEXODAM-GRADE of pure petroleum bitumen categorized in polycyclic CLEXODAM-GRADE 85/25 is based on petroleum bitumen which is made by blowing bitumen 60/70 by very hot air. CLEXO company guaranty the quality of CLEXODAM-GRADE 85/25 with check quality and quantity of the bitumen 85/25 during th loading to the vessel and controlling the production by QC by batch test report before shipping.

Key Clienteles





CLEXO

Life of Construction

Manufactured & Marketed By

CLEXO ENGINEERING & CHEMICALS PVT. LTD.



(An ISO 9001:2015 Certified Company)

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