



CONSTROPLUS

I N D U S T R I E S

OUR HISTORY

We started in early 2022 as a helping hand in foundation of many construction site and of independent buildings, slowly we developed more products in liquid and mixture format to help more in construction businesses.



Construction is where
all your storey begins.



About Us

TRUST

We believe in quality of product, We take care of our product season wise and untill trasportation.

CLIENTS

We have covered major clients from Gujarat and Maharastra. We currently have distributors as a client, We also have B2B business locally and planning to extend.

Constroplus Products

 Acrylic Sealer

 Block Fix Super

 Crack And Fill

 Floor Hardner

 Latex Plus

 M.Crete 100

 Plug And Patch

 Set And Seal

 Super Bond SBR

 Plast Clear QS

 Super Fibre

 Tile Joint Filler

 Unique Tile Adhesive

 Shield Coat

 Plast And Proof

 M.Crete 100 Poly

 Grout

 Grout 65

 DPS Ultra

 Guard 2K



ACRYLIC SEALER

Description

- Acrylic Sealer is an acrylic flexible sealant in form of white color paste for multipurpose use. A gap in the Wash basin, Aluminum section of the Window N Door. A minor gap of Beam N Column, Collar joint of Sanitary N Plumbing and use for any type of minor joints and Gap.

Application

- A gap in the Wash basin.
- Aluminum section of Window and Door.
- A minor gap in Beam and Column.
- Collar joint of Sanitary and Plumbing and Multi-purpose joints and Gap.

How to use

- Ready for use white paste and apply to the base of the joint/gap/minor hole so that completely fill the area, after application to provide a smooth even finish.

Product Specification

- Package Sizes - 1Kg / 10Kg / 15Kg
- Color - White Color Paste
- Coverage - 1 kg covered 150 RTF with a 5 mm to 6mm wide gap.
- Shelf Life - 24 months from date of Manufacture.
- Workability - Ready to use white color paste.

Area of Application

- Sealing gaps of any type of aluminum sliding Window, Door frames, channels, and concrete.
- Particles board frame
- Sealing minor cracks at the junction of Columns & Beams
- Sealing and wall plaster cracks before paint
- Easy sealing annular spaces in collar joints of Sanitary plumbing
- Sealing to pipe and sleeve in the pressure pipe
- Styrofoam board.
- In holes to close ant/cockroach holes.
- Best for internal as well as external application
- Easy coated with emulsion and any type of paints
- Constroplus Acrylic sealer is best in Indian weather conditions
- Coverage – In 1 kg 100 RTF 5 to 6 mm wide gap.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



BLOCK FIX SUPER

Description

- It is a cement-based polymer-modified powder material. Its unique properties make it ideal for thin bed Block fixing of missionary blocks of various types including lightweight blocks with thin watertight joints which are strong and give better strong bonding of the blocks.

Advantages

- Self-curing, No need for extra curing.
- Thin jointing material with very high adhesion strength
- Pre-mixed and ready-to-use. Only water is to be mixed at the site.
- Easy to mix and much faster application
- Thin layer application results in the structure being compact
- Non-shrink in nature.
- Waterproof joints.

Product Specification

- Package Sizes - 25 Kg / 50 Kg.
- Color - Grey.
- Coverage - 170 to 180 sq. feet per 50 kg powder.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Bulk density - 1600 KG / M3.
- Form - Free Flowing powder.
- Pot Life - 24 hours.
- Application Thickness - 3mm / 4mm.

Primary uses of Area

- Laying and jointing of fly ash bricks, cement blocks, hollow blocks, AAC blocks, etc.
- Jointing of pre-stressed concrete slabs, and panels.
- Parapet walls
- Jointing of cement window and door frames.
- Garden and boundary walls.

How To Apply

- Mix the powder with clean water in the proportion of four volumes of powder to one volume of water.
- This gives an even consistency smooth paste. The use of a mechanical or electric paddle mixer yields good results in thorough mixing.
- Slightly wet the block surface which receives the adhesive and applies the paste evenly with a suitable trowel firmly placing the building block after slightly wetting the bonding surface and setting it in perfect line and level.
- Clear away the excess mortar immediately

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



CRACK N FILL

Description

- It is a cement-based polymer-modified powder material for filling cracks in plastered surfaces. It is ideal to fill 2 to 3 mm wider static cracks, It has strong adhesion and is also non-shrink in nature.

Advantages

- Adhesion - Strong adhesion to common building substrates.
- Easy to use
- Good water resistance properties & weathering durability
- Eco-friendly - Does not contain solvent.
- Non-shrink in nature

Primary uses of Area

- Plastering Area
- Junction of Wall & Column or Brickwork and soffit of Beam easily seal
- Roof Slab, the ceiling of plaster
- Structural crack

Product Specification

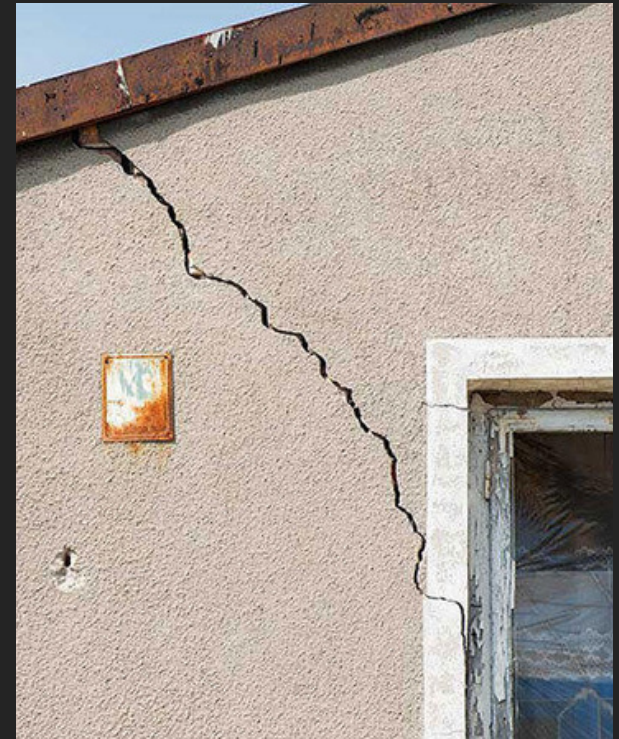
- Package Sizes - 1 kg / 10 Kg / 25 Kg.
- Color - Light Grey.
- Coverage - 1.75 Sq. Feet in 1 kg Powder Thickness 2mm 6 mm width by 3mm depth up to 11 to 12 linear feet, in 1kg powder.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Bulk density - 1600 KG /M3.
- Form - Free Flowing powder.
- Pot Life - 60 Min/20 C.
- Setting Time - 1 MM to 20 MM.
- Application Thickness - 1 MM to 20 MM.
- Application - Repairing of Plaster Crack, Structural Cracks, and Ceiling Crack. Wall Crack, and Column crack.

How To Apply

- Remove all loose particles from the surface then moisten the surface before doing the coating application.
- Then apply Re Arm Super Bond SBR by brush application. The mixing ratio of Crack-N-Fill Powder to water varies with respect to the area of application.
- For surface leveling - the ratio is 2 parts of powder to 1 part of water and mix until we get homogeneous consistency.
- For filling deep holes and cracks - reduce the water quantity to get a thicker pasty consistency.
- Start the addition of crack filler powder gradually under continuous mixing till a homogeneous lump-free mix is obtained after the addition of a balanced quantity of water.
- For smaller mixes wooden or metal spatula can be used and mixed manually.
- The total mixing time shall not be more than 5 minutes.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



JLCP FLOOR HARDNER

Description

- Constroplus Floor Hardener is a floor-hardening compound based on Nonmetallic aggregates formulated with Ordinary Portland cement and chemicals. A ready-to-use surface floor hardener in powder form makes it easy to apply and completely replaces the use of any other material on fresh concrete to improve the desired surface strength.

Advantages

- Ready to use
- Good wear resistance
- High impact resistance
- Cost-effective surface hardener
- Makes floor dustproof
- Nonmetallic and rust free
- Easy to clean
- Increased resistance to oils and grease
- Quality-assured factory blending
- Suppresses superficial fibers in concrete

Primary uses of Area

- Suitable for use in all cases where floors are subjected to severe mechanical wear and there is a need to apply special hard-wearing surface coverings,
- such as:
 - Warehouses Surfaces
 - Factories Surfaces
 - Shopping malls/Complex
 - Public areas
 - Restaurants
 - Museums
 - Parking Area
 - Garages and Service stations

Product Specification

- Package Sizes - 50 kg
- Color - Dark Grey
- Coverage - At 3 mm bed thickness 3.5 to 4 sq. ft./ per 1 kg.
- Shelf Life - 12 months from the date of production.
- Bulk density - 1600 KG /M3.
- Form - Powder
- Pot Life - 45 Min/35 C
- Setting Time - 24 hours
- Trafficable Time - 24 hours
- Application - A ready-to-use surface floor hardener powder form makes it easy to apply and completely replaces the use of any other material on fresh concrete to improve the desired surface strength.

How To Apply

- After the floor concreting When the concrete is firm take the weight of Workman Sprinkle.
- Floor Hardener at the desired rate on the green concrete and trowel it in it with metal floats or power trowel.
- Take care to see that the concrete surface is just ready to receive dry shake powder.
- Periodical checking of the condition and development of the concrete will determine the correct time frame for each stage and sequence of application.
- Dependent on the conditions, remove the surface bleed water or allow it to evaporate. Floor Hardener into the screed concrete evenly in 2 stages, the first stage 60% and the second stage 40%.
- Care must be taken to apply the product without creating ripples etc. on the concrete surface.
- The first application must be worked into the slab immediately followed by the application of the second stage quantity of Floor Hardener.
- Final finishing, closing pores, and removing undulations can be achieved either by hand or by powered trowel.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





LATEX PLUS

Description

- Constroplus Latex Plus is an emulsion of Styrene Butadiene Rubber specially formulated for multi-purpose use, which when added to cement slurry/cement mortar/concrete/grout provides good adhesion and water resistance. It comes in the form of a milky liquid. It is fully soluble in water and is to be added directly to the gauging water of slurry/mortar/concrete/grout.

Advantages

- Adhesion to most substrates (concrete, stone, brick, ferrous metals, glass, ceramic tiles)
- Improves the elasticity, flexibility, and tensile strength of cement and reduces cracking in mortar and concrete
- Economical, easy to use, and non-toxic Inhibits cracking, improves surface hardening, limits wear and dust production
- Makes the mortar waterproof and reduces susceptibility to acids and greases, salt petre action, etc
- Mortar with Latex Plus shows extremely good bonding to bases like concrete, stone, brick, etc
- Reduces viscosity of cement injection grout and improves the bond of cured injected materials with substrates
- latex plus can be diluted with water (1: 4 – 6) depending on the type of application.

Primary uses of Area

- As a bonding agent for use in repair and plastering
- Bonds rendering and coating layers Bonding between successive concrete casts by incorporating Constroplus Latex plus into bonding mortar
- For making polymer mortar for repairs for waterproofing of roof slabs, sunken slabs, basements, retaining walls, water tanks, sunshades, etc. in combination with cement
- Ensures high wear resistance against corrosion
- Long life and watertight masonry jointing Used as modifier in bonding mortar for tiles & paneling
- Multipurpose admixture for cementitious injection grouting into cracks or porous concrete works

Product Specification

- Package Sizes - 1 Ltr / 5 Ltr / 10 Ltr / 25 Ltr
- Color - White Liquid
- Preparation -
 1. Cement Slurry - 1 kg cement + 1 latex plus as primer and additive for strong plaster coverage 30 to 35 Sq feet
 2. Mortar- 200 ml dose in approximate 5 kg mortar
 3. Plaster Mortar - 2 ltr Latex Plus in a 50 kg Bag of Cement as Waterproof N Crack free latex Plus . 5 Ltr to 15 ltr in a 50 kg bag of Cement It is depending on the Application and depending of problem.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and self-curing.
- Solubility - Mixes with water
- Form - Liquid
- Setting Time - 24 hours
- Application - Concrete and floor screed repair, a waterproofing tank of the basement, corrosion protection of Steel Bonding to old concrete to New Concrete.

Mixing

- Constroplus Latex plus is to be added to cement/cement mortar/concrete/grout depending on the type of application as per the details given below.
 1. Waterproof coating - Latex plus: Water: Cement = 1: 4: 8 in mortar and Primer 1:4 ratio for before plaster brush application
 2. Floor Repair - Primer ratio 2:1:1 Cement, Latex plus and water, in mortar Latex plus and Water 1:6 For repairing floor duct edges and nozing of stairs primer be same but mortar in ratio 1:3 Latex plus and water.
 3. Crack Fill - Latex plus: Water 1: 4 0.015 kg/sqm/mm thickness at Water: Powder ratio of 0.5.
 4. Repair Concrete & Screed - Latex plus: Water 1: 4 10-15% by weight of Cement at Water: Powder ratio of 0.5.
 5. Injection Grout - Latex plus: Water 1: 6 in 3-6 kg per bag of cement.

How To Apply

- The substrate shall be thoroughly clean, homogeneous, and free from oils and grease.
- Dust, loose or friable particles, rust, scale, paint, cement laitance, old coatings, and any other contaminants or deleterious materials which reduce bond or contribute to corrosion shall be removed.
- De-laminated, weak, damaged, and deteriorated substrate shall be removed by suitable means before application.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





M.CRETE 100

Description

- M.crete 100 is a free-flowing Cementous grey powder with micro fine aggregates. which used concreting of the damaged structures, only the addition of water to form free-flowing concrete.

Advantages

- M Crete 100 high workability powder to help the products to reach all minor gaps and fill Perfectly.
- M.crete 100 is specially developed with very high early strength it develops the strength of the parent concrete within 24 hours of pouring.
- Protects reinforcements from corrosion.
- No regular curing only just sprinkling water for two days is enough.
- High bond with Parent concrete.

Primary uses of Area

- Structural repair.
- Re-construction part of beams and columns.
- Grouting structural cutouts and recesses in sanitary fittings.

Product Specification

- Package Sizes - 25 kg / 50 Kg
- Color - Grey
- Coverage - Micro concrete 25 kg bag producing 13.5 Ltr Volume.
- Shelf Life - 12 months from the date of production.
- Workability - Free Flowing Powder.
- Bulk Density -1.5
- Form - Liquid
- Setting Time - 24 hours
- Pot Life - 60 Min/20C

How To Apply

- Surface preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete, and free of dust, dirt, paint, efflorescence, oil, and all other contaminants.
- Remove any loose material and any coatings such as paint, curing agents, and sealers. M-CRETE can be installed over a dry or saturated surface.
- Mixing: All materials should be conditioned to the appropriate temperature range of 50°F - 90°F (10°C – 32°C) prior to mixing and placement. M-CRETE mixes with 4.5 to 5 quarts (4.3 to 4.73 L) of clean, potable water for standard overlay applications. For repairing deeper spalls prior to overlaying, MICRO-CRETE can be mixed with 3.5 to 4 quarts (3.3 to 3.8 L) of water to make a stiff paste suitable for small repairs.
- Place 80% of the mixing water into a clean pail. Slowly add the dry M-CRETE powder into the mixing pail. During this time, the material should be mixed with a drill and a “jiffy” type mixing paddle.
- Slowly add the remaining 20% of the mixing water to the pail and mix for 3 minutes to achieve the desired consistency. Place immediately.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



PLUG AND PATCH

Description

- PLUG N PATCH quick setting cement sand mortar formulated in dry powder form, It is preparation cement graded sand and chemical set control agent powder, on the site addition of required clean water just before use.

Advantages

- Easy to Apply, Single component powder, Just add the required water before application.
- Quick setting property which is very useful to stop running water.
- Constroplus Plug and Patch Quick water stopper harden to high strength.
- It is also highly compatible for use with all Cementous materials, stone, brick, steel, etc.

Suitable Substrates

- Normal and Heavy duty plugging
- Repairs of building
- Plugging running leak
- Sealing joints

Product Specification

- Package Sizes - 1 Kg / 10 Kg / 25 Kg
- Color - Grey & Off-White Powder.
- Yield - 1 kg powder makes 550 CC Paste.
- Shelf Life - 12 months from the date of production.
- PH - 12
- Form - Dry powder form.
- Initial Setting Time - 1.5 to 2 minutes in 20°C
- Application - PLUG N PATCH is Plugging running leaks, and Repair of Building Heavy Duty plugging, and Sealing Joints.

How To Apply

- Clean the Application area and treated it as per normal surface preparation, removing loose particles, and also clean all dirt areas.
- Mix Constroplus PLUG N PATCH and water in a ratio of 3 volumes of powder And 1 volume of water and mix to properly stiff consistency of paste.
- Press in position or towel the paste to the finishing level and cure normally
- If require sprinkle the dry powder on applied surfaces for better and perfect results.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





SET AND SEAL

Description

- SET N SEAL is a unique chemical treatment designed to waterproof and protect concrete from water penetration of pores and capillaries. It is designed to be a surface-applied treatment that penetrates into concrete for an in-depth waterproofing solution. SET N SEAL actually works within the concrete's substrate to force a reaction between un-hydrated cement particles and water to cause further hydration within the concrete's mass. This results in further hydration within the already established pores and capillaries effectively reducing the permeability of the concrete until water penetration is stopped. Doing so it will make the concrete permanently waterproof. Due to the catalytic nature of this technology, any water penetration that occurs at a later date is again utilized to produce more crystals within the pores and capillaries. This process of increasing the concrete's own natural abilities by using SET N SEAL means the self-healing process of the concrete is in excess of the concrete's normal and natural abilities.

Area of Application

- Concrete structures below and above grade: swimming pools, tunnels, and subway systems. parking garages,
- all below-grade concrete foundations, rooftops, dry vaults, sewage and water treatment plants, water towers and water reservoirs, marine structures, pipes, bridge decks, concrete walls and floors, and shotcrete linings.

Product Specification

- Package Sizes -10 kg / 20 kg / 25 kg.
- Color - Dark Brown powder.
- Coverage - 8 to 10sq. ft./ per 1kg. For 2 coats.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Mixing Ratio - 2.5 volume of powder to 1 volume of water.
- Form - Powder.
- Application - Set n Seal is a Dark Brown powder that is specially used in the waterproofing of old And new structures for the Functioning of the crystallization process.

Feature and benefits

- Features - Virtually eliminates water penetration through concrete.
- Will work to prevent high hydrostatic pressure.
- User Friendly and simply mix with the appropriate amount of water and brush on.
- Will self-heal new hairline cracks to effectively stop water penetration into the concrete.
- Benefits - Low application cost.
- Lowers overall costs through the increased life span.
- Completely eliminates the need for alternative waterproofing systems.
- Lower maintenance costs and increased effective life.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



SUPER BOND SBR

Description

- Constroplus Super Bond SBR is an emulsion of Styrene Butadiene Rubber formulated for use with cement and also modified with the use of Waterproofing, Repair, Bonding Corrosion protection

Advantages

- Non-Toxic, Suitable for use in the potable water tank
- High-strength repair mortar and bonding agent
- Good water resistance properties & weathering durability
- Excellent adhesion to concrete, steel, Brick, and Stones, Compatible with cement.
- High compressive strength.

How to Apply

- Remove all loose particles from the surface then moisten the surface before doing the coating application.
- Apply Slurry coat 1 liter Super Bond SBR + 1 kg Cement through Brush application.
- After immediately applying modified mortar.
- Moist cure for within 24 hr and then allow to dry off.

Product Specification

- Package Sizes - 1 Ltr / 5 Ltr / 10 Ltr / 25 Ltr
- Color - White Liquid
- Preparation -
 1. Cement Slurry - 1 kg cement + 1 ltr Super Bond SBR Coverage 20 to 25 Sq. Feet
 2. Mortar - 200 ml dose in approximate 5 kg mortar
 3. Plaster Mortar - 2 ltr super bond SBR in 50 kg Bag of Cement as Waterproof N Crack free
 4. Super Bond SBR 5 Ltr to 15 Ltr in a 50 kg bag of Cement It is depending on the Application and depending of problem.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing
- Solubility - Mixes with water.
- Form - Liquid.
- Setting Time - 24 hours
- Specific Gravity - 1.01
- Application - Concrete and floor screed repair, a waterproofing tank of the basement, corrosion protection of steel
- Bonding old concrete to New Concrete

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





PLAST CLEAR QS

Description

- Constroplus Plast Clear QS is a silicate-based liquid that acts as a plasticizing and quick-setting agent for cement, concrete, and mortar. Constroplus Plast Clear QS admixed mortars and concretes set fast giving early and final high strength. Constroplus Plast Clear QS is of special use in plastering mortar, shot-creating, uniting, and concreting in very low temperatures.

Primary Uses

- In fact, setting concretes and mortars.
- Concreting of pre-cast elements.
- Concreting and rendering in very low temperatures.
- In reducing rebound losses in sprayed mortar.
- To waterproof plaster and concrete.

Advantages

- Rebound losses in plastering mortar, shot-creating, and guniting are minimized. Saving on material, labor, and machine time.
- Constroplus Plast Clear QS is in liquid form, hence easy to use.
- The plasticizing action of Constroplus Plast Clear QS helps in the complete hydration of cement there by achieving superior strength.
- Wastage due to breaking in pre-cast elements is reduced savings on production costs.
- Constroplus Plast Clear QS can be used with all types of cement.
- To waterproof plaster and concrete.

Product Specification

- Package Sizes - 30 Kg / 120 Kg /250 kg
- Composition - Constroplus Plast Clear QS is based on refined silicates and synthetic plasticizers.
- Shelf Life - 24 months from the date of production.
- Workability - Easy mixing and Self-curing
- Specific Gravity - 1.22 ± 0.05 at 25°C
- Application - Constroplus Plast Clear QS is a silicate-based liquid that acts as a plasticizing and quick-setting agent for cement, concrete, and mortar.

Direction of Use

- In case of shot-creating/guniting, Constroplus Plast Clear QS is mixed in the gauging water in the required proportion before addition to the dry mix.
- Hence it can be successfully used in both dry and wet shot-creating processes, in concrete and mortars for pre-casting elements.
- Constroplus Plast Clear QS is dosed through a separate dosing tank fitted above the mixer.
- It can be dosed manually as well after the addition of the required water.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.

JL TCP SUPER FIBRE

Description

- Super Fibre is Specially used for crack-free and Durable Wall plaster. Super fiber Polypropylene fibers are made from 100% Virgin polypropylene, through special production process surface treatment technology, to ensure that it has an excellent dispersion in concrete and bond with the cement matrix, and have good aging resistance. It can be guaranteed long-term effectiveness in concrete. Polypropylene fiber for concrete is chemically stable and has a good affinity with concrete materials. The fibers are evenly dispersed in the concrete and form an anchoring effect.

How to Use

- In a mortar, mixes add 100 gms of 6 MM per 50 kg Bag of Cement.
- In the floor, screed mixes add 100 gms of 12 MM per 50 kg Bag of Cement.

Product Specification

- Package Sizes - 100 Gms N 10 Kg
- Type of Fibre - Polypropylene Fibre 6 mm and 12 mm.
- Dosage - 100Gms per 50kg bag of cement
- Workability - Ready to use as per instruction.
- Application - For Crack free and Durable wall plaster

Advantages

- Our product effectively controls the micro-cracks caused by plastic shrinkage, dry shrinkage, temperature change, and other factors of concrete, and prevents and inhibits the formation, and development of cracks. PP fiber also increases the flexural and tensile strength of concrete with its tensile strength of 600 MPA and increases its impact and abrasion resistance.
- Polypropylene fiber can improve the adhesion of concrete, and reduce cracks of concrete in the early stage. As per our experiments, only 0.1% fiber by volume can improve the cracking resistance by 70%, and the impermeability increases by 60% - 70%.
- PP fibers are chemically stable, it has excellent corrosive resistance to expand the self-life of your projects. SUPER FIBRE increases impermeability, only 0.9Kg/m³ PP fibers can improve it by 70%. The lightweight (0.91 density) PP fiber will not increase the product weight.
- The ignition point of PP fiber is 388 °C. It helps to improve the fire resistance of concrete. Except for the heat. Polypropylene fibers can also improve the frost resistance of concrete. Adding polypropylene fiber to concrete can relieve the internal stress of the concrete caused by temperature changes and prevent the expansion of temperature cracks; It also improvement of concrete frost resistance.
- Polypropylene mesh fibers can improve the impact resistance and wear resistance of concrete. It can absorb impact energy, effectively reduce cracks, enhance the continuity of the medium material, and reduce the local stress phenomenon caused by the shock wave being blocked, thereby greatly improving the concrete Impact resistance and toughness.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



JLCP TILE JOINT FILLER

Description

- Constroplus Tiles of Joint filler in a Cementous material powder form. Site addition of water only to make mortar which is used for joints of Tiles.

How to Apply

- Tiles joints are clean and dry, Blow out dust or dirt from tiles joints
- Constroplus tile joint filler mixed with water, In the proportion of 250 ml to 300 ml volume in 1 kg powder, mix till a uniform consistency smooth paste of uniform color is obtained.
- Leave the paste for 8 to 10 minutes in the pan for free from Air.
- Use a putty blade for filling the tiles' joints.
- After completing joint filling, wipe out 3 to 4 hr excess materials with a wet sponge.
- Joints filling gap leave for 24 Hr.

Product Specification

- Package Sizes - 500 Gm / 1 kg / 10 Kg
- Color - Shade wise color powder.
- Coverage - It depends on the width N Depth of the joint, Specified coverage is mentioned on the box.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Bulk density - 1550 KG/M3.
- Form - Free Flowing powder.
- Pot Life - 45 Min/ 35 C
- Setting Time - 24 hours.
- Trafficable Time - 24 hours.
- Application - Joints of Tiles, Marble Tiles, Granite Tiles, Terracotta, and Stone.

Advantages

- Easy to Apply, Single component adhesive.
- More open time.
- Available Range of different color shades.
- For Crack free joints.
- Superior adhesion for porcelain and vitrified tiles.
- Makes the tiled joints waterproof.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





UNIQUE/PRIME/APEX TILE ADHESIVE

Description

- Unique Tile Adhesive is a Cementitious ready mix that is a thin bed polymer modified. tile adhesive for interior and exterior application. Its unique properties make it ideal for fixing ceramic tiles, vitrified tiles, natural stones Marble, and granite to most building substrates. Unique tile Adhesive is also used for plaster crack and paver joint grouting.

How to Apply

- Mix UNIQUE TILE ADHESIVE with cool and clean tap water and stir properly for 4 to 5 minutes by hand or an electric stirrer to get a smooth and homogeneous mixture.
- After stirring wait for 5 minutes, stir once again, and apply the adhesive on the subfloor with the recommended adhesive notch trowel/
- Press the tiles within 15 to 20 minutes with a shuffling movement into the adhesive. Check regularly to ensure that the back of the tile is in full contact with the adhesive.
- Remove excess adhesive immediately from the joints
- The proper preparation of the surface will make the fixing easier and quicker ensuring a better finish.
- New concrete is recommended to be 1 month old for every 25mm thickness and completely dried before tiling.
- Under normal circumstances, i.e. a temperature of 20°C and a relative humidity of 65%, the joints may be filled after a minimum of 24 hours.
- Fill tile joints after 24 hours of tile laying.

Advantages

- Easy to Apply, Single component adhesive
- More open time.
- Dual purpose for floor and wall with good adhesion workability.
- High Shear Bond Strength.
- Superior adhesion for porcelain and vitrified tiles.
- Makes the tiled area waterproof.
- Not necessary to wetting tiles before fixing them.
- Easy to use on difficult surfaces.

Product Specification

- Package Sizes - 10 Kg / 20 Kg / 25 Kg / 50 kg.
- Color - Grey & White.
- Coverage - At 3 mm bed thickness 3.5 to 4 sq. ft./ per 1 kg.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Bulk density - 1650 KG /M3.
- Form - Free Flowing powder.
- Pot Life - 45 Min/ 35 C.
- Setting Time - 24 hours.
- Trafficable Time - 24 hours.
- Application - Specially for interior & exterior floors and walls installations, All types of tiles and stone.

Suitable Substrates

- Concrete wall and floor area.
- Brick Masonry.
- Cement mortar beds.
- Tile-on-tile application.
- Cement Plaster.
- Thin-set Cementitious Screeds.

Constroplus provides a full range of Tiling System solutions. The following products are available for different Applications:

Category

- Tile Adhesive C1 Type
- Tile Adhesive C2 Type GRI
- Tile Adhesive C2 Type GR2
- Tile Adhesive C2 Type GR3

Product

UTA Eco
Unique tile adhesive
Prime Grey
Apex Grey

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





SHIELD COAT

Description

- Constroplus Shield Coat is a straw-colored liquid that has excellent waterproofing and protection properties.

How to Apply

- Clean and dry, homogeneous, free from oils and grease, dust and loose or friable particles, paint, cement laitance, old coatings, and any other contaminants.
1. Seepage and dampness through walls.
 - a) Remove the entire plaster.
 - b) Apply one coat of plaster and cure it for 7 days.
 - c) Apply one coat of Barrier coat and immediately complete the second coat of plaster and cure.
 2. leakage from sunk slabs of toilets.
 - a) Stop use of the upper floor toilet till the dripping stops.
 - b) Remove the plaster or scrape the concrete.
If the surface to be applied is concrete only which is sound the nurse the surface directly.
 - c) Apply two Barrier coats and plaster the surface immediate.
 3. Terrace waterproofing.
 - a) On the prepared terrace surface apply two Barrier coats.
 4. For the protection of exposed reinforcing steel.
 - a) Clean the rods and apply two Barrier coats.

Advantages

- The durable and hard-wearing surface of the application
- Easy to apply by brush, slurry consistency
- Excellent bonding with most of the substrates.
- Protects against water penetration, salt & carbonation
- Non-corrosive to steel & iron
- UV-resistant & Crack Bridging Property

Product Specification

- Package Sizes - 1 Ltr / 5 Ltr / 10 Ltr / 25 Ltr
- Color - Straw Color Liquid.
- Coverage - Cement Slurry -1 kg cement + 1 Shield Coat.
- Shelf Life - 24 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Sp.Gravity and pH value - 1.02 / 8.
- Form - Liquid.
- Solubility- Mixes with water.
- Setting Time - 24 hours.
- Application - Constroplus shield coat is an acrylic product when added to cement improves the properties of cement slurry/mortar/concrete making them an excellent choice for use for new construction as well as renovation work.

Suitable Substrates

- Terraces, slabs, balconies & basements.
- Water tanks, sunshades, sunken toilets, swimming pools, and other wet areas.
- Repair and renovation works.
- Making polymer-modified mortar.
- Seepage and dampness through walls.
- For the protection of exposed reinforcing steel.
- Also used with paint powder or paste.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.

Description

- Constroplus Plast N Proof is an integral waterproofing compound best used for both concrete and Plaster, Special Plasticizer for support-free flow, and integral waterproofing properties in concrete and mortar.

How to Apply

- 100 ML per Bag of Cement, It depends on the situation of work and area, the dosages could be double.

Advantages

- Help to reduce Shrinkage Crack
- Very useful for adhesive and tensile properties of mortar
- Reduces water demand to bring down the Water and cement ratio.
- Durability is increased due to air entrainment.
- Prevented honeycombing.
- Improved the surface finishing of concrete and plaster.

Product Specification

- Package Sizes - 1 Ltr / 5 Ltr / 10 Ltr / 25 Ltr
- Color - Dark Brown Liquid
- Coverage -Integral waterproofing compound for Concrete and plaster 100 ML per Bag Of Cement, It depends on the situation of work and area, the dosages could be double.
- Shelf Life - 24 months from the date of Manufacture.
- Workability - Easy mixing with water.
- Solubility - Mixes with water.
- Form - Liquid.
- Nitrate - Nil.
- Chloride - free from Chloride.
- Sulfate-free from Sulphate.
- Specific Gravity - 1.105.
- Application - Specially use integral waterproofing for Plaster and Concrete and any type of concrete

Suitable Substrates

- In Concrete
- In Plaster

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



M.CRETE 100 POLY

Description

- M.crete 100 Poly is free flowing Cementous grey powder with micro-fine aggregates, which is used for concreting damaged structures, Only the addition of water forms free-flowing concrete.

How to Apply

- Surface preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete, and free of dust, dirt, paint, efflorescence, oil, and all other contaminants.
- Remove any loose material and any coatings such as paint, curing agents, and sealers.
- M-CRETE 100 poly can be installed over a dry or saturated surface.
- Mixing time should be a minimum of 3 minutes.
- Mixing: All materials should be conditioned to the appropriate temperature range of 50°F - 90°F (10°C - 32°C) prior to mixing and placement. M-CRETE 100 Poly mixes with 4.5 to 5 quarts (4.3 to 4.73 L) of clean, potable water for standard overlay applications. For repairing deeper spalls prior to overlaying, MICRO-CRETE 100 poly can be mixed with 3.5 to 4 quarts (3.3 to 3.8 L) of water to make a stiff paste suitable for small repairs. Place 80% of the mixing water into a clean pail. Slowly add the dry M-CRETE 100 Poly powder into the mixing pail. During this time, the material should be mixed with a drill and a “jiffy” type mixing paddle. Slowly add the remaining 20% of the mixing water to the pail and mix for 3 minutes to achieve the desired consistency. Place immediately.

Product Specification

- Package Sizes - 25 kg / 50 Kg
- Color - Grey
- Coverage - Micro concrete 25 kg bag producing 13.5 Ltr Volume.
- Shelf Life - 12 months from the date of production.
- Workability -Free Flowing powder.
- Bulk density - 1.5.
- Form - Free Flowing powder.
- Pot Life - 60 Min/ 35 C
- Setting Time - 24 hours
- Chloride contains - Nil.
- Application - Joints of Tiles, Marble Tiles, Granite Tiles, Terracotta, Stone.

Primary Usage of Area

- Structural repair.
- Re-construction part of beams and columns.
- Grouting structural cutouts and recesses in sanitary fittings.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





GUARD

Description

- Guard is an advanced polymer-modified cementitious acrylic waterproofing system with a very wide scope of applications in waterproofing and corrosion inhibition situations. It is a two-component material powder plus liquid that forms a flexible reinforced membrane upon curing.

How to Apply

- Clean the area to remove all loose particles, oil, grease, and any such deleterious products, and wet it with water. If the surface is rough, mix Guard classic liquid and water in the proportion of 1:2, and brush apply on the pre-wet surface.
- Mix the powder and liquid ingredients of the product thoroughly to form a smooth consistent slurry. Avoid part mixing of the ingredients of packing.
- Brush and apply Guard classic slurry on the surface to be treated.
- Immediately cover the treated surface with cement sand 1:4 plaster or screed concrete & cure normally.
- Guard can be applied on wood, steel, metal, and concrete substrates. Steel and metal
- Surfaces should be clean and free from rust and mill scales. The concrete substrate on which Guard is to be applied should be well-cured and sound, free from cracks, oil contamination, etc.
- The substrate should be thoroughly pre-wetted with water to a saturated surface dry condition before the first coat of Guard is applied. The second coat can be applied after 4 to 5 hours, i.e. after the first coat has dried.

Advantages

- Easy to Apply, two-component materials
- Excellent adhesion to sound substrates.
- Good crack bridging capabilities.
- Non-toxic.
- Withstands water pressure up to 6 bars.
- Applied on the concrete surface allows the concrete to breathe normally while waterproofing the area perfectly
- The membrane is flexible and hence accommodates deflections and minor movements of the structures.
- Being acrylic-based Guard has strong adhesion and corrosion inhibition properties.
- It is easy to use. Just mix the pre-measured packed liquid and powder components of Guard and brush apply.
- Safe for Water Tanks containing potable water.
- It can span over cracks and fissures up to 0.2. mm, widths. Guard can be reinforced with fiberglass mats

Product Specification

- Package Sizes - 8 Kg Powder and 2 Ltr Liquid.
- Color - Grey & Yellowish White.
- Coverage - Single coat - 1.5 kg /1 sq. meter for waterproof and Protective coat 2 kg/1 Sq meter against Salt
- Shelf Life - 12 months from the date of production.
- Workability -Easy mixing and Self-curing.
- Bulk Weight - 1.10 kg.
- Form - Powder & Liquid.
- Pot Life - 30 minutes@27°C
- Toxicity - Nontoxic.
- Trafficable Time - 24 hours.
- Application - Two components i.e. liquid and polymer-modified cementitious powder are mixed a smooth consistency slurry is obtained. This slurry when the brush is applied on the surface to be treated forms a flexible film that has very strong adhesion to the applied surface. The film is totally waterproof and resistant to chemicals and pollution attacks.

Area of Application

- RCC terrace waterproofing.
- Sealing leakage through cast iron, asbestos, or stoneware pipes.
- The coating on bridge girders and under deck waterproofing of bridges.
- Sealing cracks in asbestos cement sheets and sealing J&J; bolt openings.
- The coating on leaky plaster surfaces.
- Podium slab waterproofing.
- Basement retaining wall.
- To waterproof water tanks and swimming pools

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.





GROUT 65

Description

- Constroplus Grout 65 is free flowing, Non-Shrink High strong grout mix

How to Apply

- Remove all loose particles from the surface, clean the foundation, and ensure before apply free from dust, dirt, oil grease, curing compound, paints, etc.
- Make the surface wet and avoid stagnation of water in the recesses.
- Mix grout 65 with water the ratio is 200 to 220 ml /kg water addition for consistency mortar or slurry.
- Lower water content higher will be compressive strength.
- Pour the Grout 65 mortar or slurry in the pocket or recess to be grouted. After initial hardening cure by placing wet hessian over it.
- The total mixing time shall not be more than 5 minutes.

Advantages

- High and ultimate strength
- Grout 65 gets a compressive strength of over 300 kg/ cm² within 24 hrs and final strength of 600 to 650 kg in 28 days.
- Non-Shrink and expansion, Grout 65 an expansion of about 4% in the plastic state and 0.2% Hardened state.
- Grout 65 is free-flowing and self-leveling, Product can also be pumped
- Grout 65 is free from chloride, sulfate, nitrates, and any ferrous materials.
- Eco-friendly - Does not contain solvent. Non-shrink in nature.

Primary Use of Area

- Grouting Heavy Machine foundation,
- Grouting under base plates of Machine
- Grouting of column /stanchion foundation,
- Grouting of Crain rails anchor Bolts dowel bars etc.

Product Specification

- Package Sizes - 10 Kg / 25 Kg / 50 kg.
- Color - Grey Powder.
- Coverage - 14 Liters per 25 kg powder.
- Shelf Life - 12 months from the date of production
- Workability - Free Flowing, non-shrink High strength grout mix
- Plastic consistency -180 to 200 ml/kg.
- Flowable Consistency - 200 to 220 ml /Kg.
- Pot Life - 60 Min/20 C.
- Setting Time - 24 hours.
- Free Expansion - 4%.
- Application Thickness - 1 MM to 20 MM.
- Application - Grouting Heavy Machine foundation, Grouting under base plates of Machine Grouting of column /stanchion foundation, Grouting of Crain rails anchor Bolts dowel bars etc.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.

Description

- Constroplus DPS Ultra Deep Penetrating Sealer for Brick, Hollow Brick, Block Clay Tiles, etc. It seals surfaces and makes them waterproof. It is the perfect system for Non-plaster Brick and Block work

How to Apply

- Ready for use Clear liquid with dilute 1 part in 4 parts of water, Apply by Brush or Spray for waterproofing.
- Also, use on dry surfaces and should be allowed to dry out naturally.

Advantages

- Clear liquid and ready to use
- The products are economical and very easy to use
- It is waterproof on all porous surfaces and minimizes water absorption
- The surface can be plastered or painted without affecting the performance of the products.

Product Specification

- Package Sizes - 10 Ltr / 25 Ltr / 100 Ltr / 210 Ltr.
- Color - Clear Liquid.
- Coverage -Depends on the Application of area/porosity.
- Shelf Life - 24 months from the date of Manufacture.
- Workability - Ready to use, dilution with 1 Part of DPS Excel in 4 Parts of Water.
- Specific Gravity - 1.
- Application - Deep Penetrating Sealer for Brick, Block, and Clay Tiles.Un-Plaster work of Brick/Block.

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



GUARD 2K

Description

- Constroplus Guard 2K is a polymer-modified cementitious acrylic waterproofing system with a very wide scope of applications in waterproofing and corrosion inhibition situations. Guard 2K is a two-component material that forms a flexible reinforced membrane upon curing.

How to Apply

- Clean the area to remove all loose particles, oil, grease, and any such deleterious products, and wet it with water. If the surface is rough, mix Gaurd 2k liquid and water in the proportion of 1:2 and brush apply on the prewet surface.
- Mix the powder and liquid ingredients of the product thoroughly to form a smooth consistent slurry. Avoid part mixing of the ingredients of packing.
- Brush and apply Gaurd 2k slurry on the surface to be treated.
- Immediately cover the treated surface with cement sand 1:4 plaster or screed concrete & cure normally.
- Guard 2k can be applied on wood, steel, metal, and concrete substrates. Steel and metal
- Surfaces should be clean and free from rust and mill scales. The concrete substrate on which Gaurd 2k is to be applied should be well cured and sound, free from cracks, oil contamination, etc. Cracks, if any, should be repaired properly, before the application of Gaurd 2k.
- The substrate should be thoroughly pre-wetted with water to a saturated surface dry condition before the first coat of Gaurd 2k is applied. The second coat can be applied after 4 to 5 hours, i.e. after the first coat has dried.

Advantages

- Easy to Apply, two-component materials.
- Excellent adhesion to sound substrates.
- Good crack bridging capabilities. Withstands water pressure up to 6 bars.
- Applied on the concrete surface allows the concrete to breathe normally while waterproofing the area perfectly
- The membrane is flexible and hence accommodates deflections and minor movements of the structures.
- It is easy to use. Just mix the pre-measured packed liquid and powder components of Gaurd 2k and brush apply.
- Safe for Water Tanks containing potable water.
- It can span over cracks and fissures up to 0.2. mm, widths. Guard can be reinforced with fiberglass mats

Product Specification

- Package Sizes - 10 Kg Powder and 5 Ltr Liquid.
- Color - Grey & Yellowish White
- Coverage - Single coat 1.5 kg /1 sq. meter for waterproofing and Protective coat 2 kg/1 Sq meter against Salt and better waterproofing.
- Shelf Life - 12 months from the date of production.
- Workability - Easy mixing and Self-curing.
- Bulk Weight - 1.10 kg.
- Toxicity - Nontoxic.
- Pot Life - 30 minutes@27°C.
- Form - Powder & Liquid
- Application -Two components i.e. liquid and polymer-modified cementitious powder are mixed a smooth consistency slurry is obtained. This slurry when the brush is applied on the surface to be treated forms a flexible film that has very strong adhesion to the applied surface. The film is totally waterproof and resistant to chemicals and pollution attacks.

Area of Application

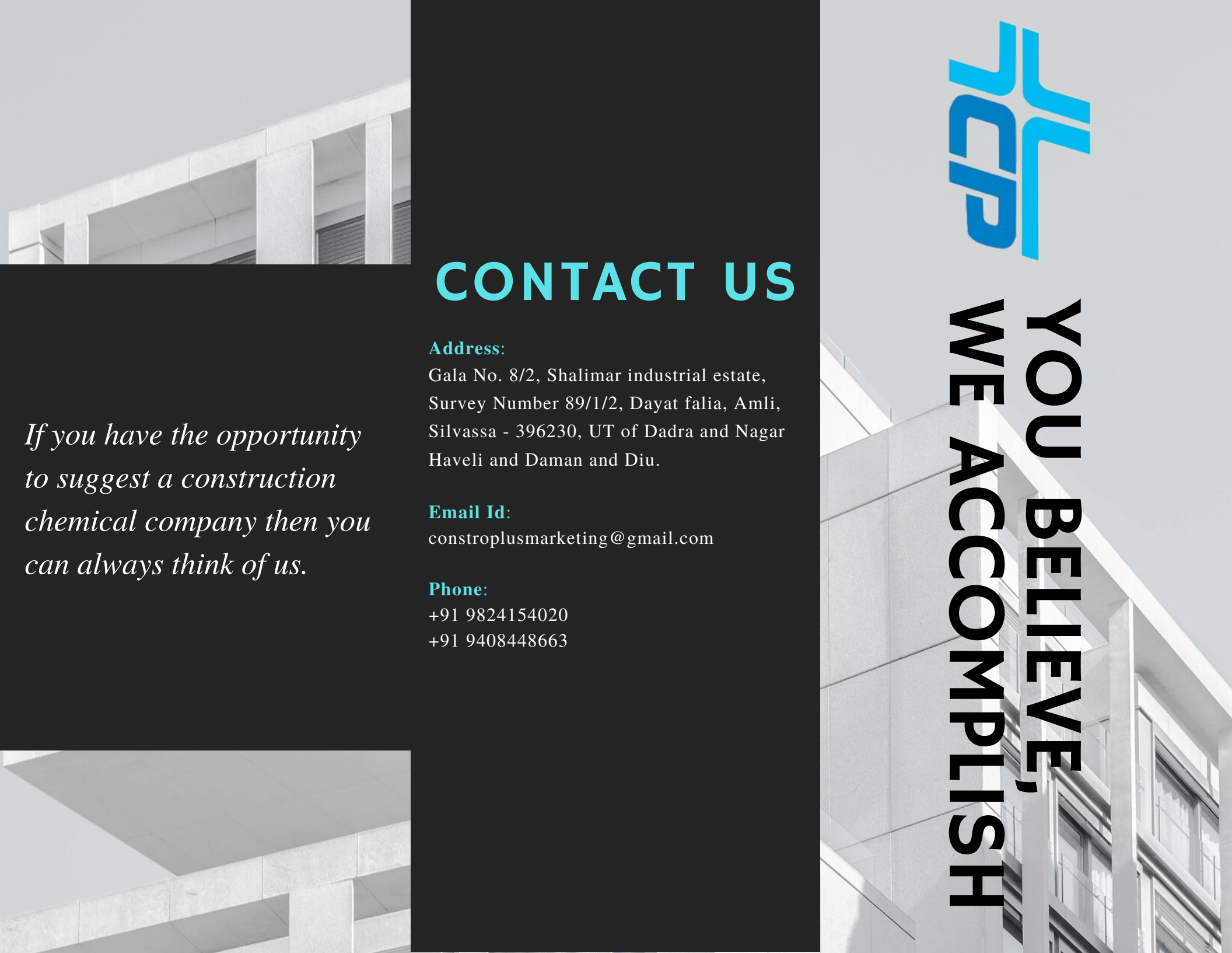
- RCC terrace waterproofing.
- Sealing leakage through cast iron, asbestos, or stoneware pipes.
- The coating on bridge girders and under-deck waterproofing of bridges.
- Sealing cracks in asbestos cement sheets and sealing 'J' bolt openings.
- The coating on leaky plaster surfaces.
- Podium slab waterproofing.
- Basement retaining wall.
- To waterproof water tanks and swimming pools.

PROPERTIES

	Part 1	Part 2
• Form	Powder	Liquid
• Color	Grey/OffWhite	White
• Specific Gravity	1.02 KG	1.11 KG
• Psychological Effects	Like Cement	Neutral
• Toxicity	Non Toxic	Non Toxic
• Pot Life	30 mins @ 27 C	
• Application Tem.	Not less than 10 C	
• Adhesive to Concrete	> 1 N/mm	
• Static crack accomm.	200 microns	
• Elongation	150%	

Storage Instruction

- Stored properly in original and unopened sealed and undamaged packaging, in dry conditions at temperatures between 5 to 45 degree Celsius.
- Protect from direct sunlight.



*If you have the opportunity
to suggest a construction
chemical company then you
can always think of us.*

CONTACT US

Address:

Gala No. 8/2, Shalimar industrial estate,
Survey Number 89/1/2, Dayat falia, Amli,
Silvassa - 396230, UT of Dadra and Nagar
Haveli and Daman and Diu.

Email Id:

constroplusmarketing@gmail.com

Phone:

+91 9824154020

+91 9408448663



**YOU BELIEVE,
WE ACCOMPLISH**