ZentraBond
CONSTRUCTION CHEMICALS
We Bond You With Trust





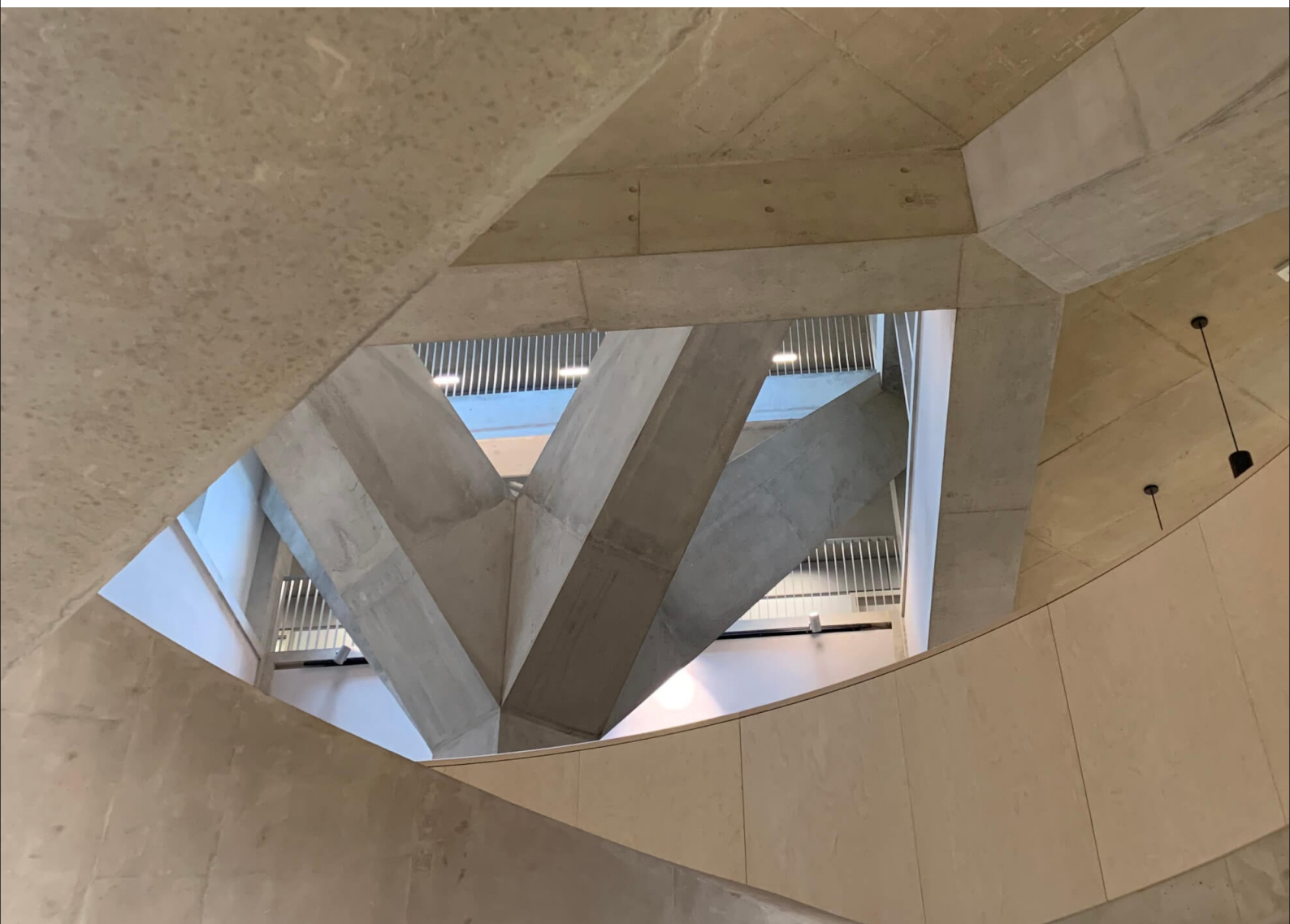


Job Reference
for ROAD PROJECTS

ZentraBond
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Company Profile



INTRODUCTION

ZentraBond
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Nikhil Gadkari - CEO is the founder of ZentraBond (previously known as Gadkari Infra Solutions) was established in 2023, I expressing my deepest gratitude for the in valuable support you have extended to me throughout my successful 25 Years, wide experience in various infrastructure projects viz.

Roads, Metros, Refineries, Railways (DFCC), Bullet Train, Power Plants, Tunnels and many more.

ZentraBond startup new venture, our mission is to revolutionize the infrastructure industry by accelerating the manufacturing of high quality products such as :

Admixture | Accelerators | Fibers | Sealants | Grouts | Water Stopper
Waterproofing PVC Membrane | Resin Capsule | Cement Capsule
Separation Membrane | Crystalline Waterproofing | Geotextile and much more

Backed by a team of seasoned professionals, ZentraBond is committed to providing unparalleled services, including groove cutting, fixing waterproofing PVC Membrane in Tunnels, Painting Jobs on Bridges and more.

MISSION

At ZentraBond, our mission is to provide high-quality products such as admixtures, accelerators, fibers, sealants, grouts, waterproofing PVC membranes, water stoppers, resin capsules, cement capsules, separation membranes, geotextiles, and more, at economical rates. We are committed to achieving complete customer satisfaction, creating and cultivating long-term relationships with our clients, continuously improving our services, and responding immediately to the changing needs of our clients.

VISION

Our vision at ZentraBond is to have a highly trained and professional team providing technical support and customer service. We aim to be ready for anything that may occur and to respond quickly to the needs of our clients.

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Management Desk



MANAGEMENT DESK

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Respected Sir,

I hope this letter finds you well. I am writing to express my deepest gratitude for the invaluable support you have extended to me throughout my 25-year tenure as the Country Head of Infra Projects (Sales) at one of the growing construction chemicals manufacturing company. Your unwavering assistance has been a cornerstone of my success as I navigated the intricacies of various projects, including Road Projects, Extradosed Bridges, Metros, Railways (DFCC), Bullet Trains, Power Plants, Tunnels, Refineries, Industries, and many more.

It is with a heavy heart that I inform you of my decision to resign from my position due to personal circumstances. However, with a profound sense of excitement and optimism, I am pleased to announce the launch of **ZentraBond**, my startup venture. Our mission is to revolutionize the infrastructure industry by accelerating the manufacturing of high-quality products such as Admixtures, Accelerators, Fibers, Sealants, LDPE Separ ation Membrane sheets, liquid membrane, Grouts, Resin capsules, cement capsules, Geotextile, PVC Membrane, water Stopper, and much more.

Backed by a team of seasoned professionals, **ZentraBond** is committed to providing unparalleled services, including Groove Cutting, Retrofitting, PVC Membrane in Tunnels, painting jobs on Bridges, and more. Your continued support and presence on-site would be immensely appreciated as we embark on this exciting journey. I eagerly anticipate your inquiries and orders, as they would further propel us toward our goal of excellence in the industry.

Once again, I extend my heartfelt thanks for your ongoing collaboration and trust. Together, let us create a brighter future for the infrastructure sector.

Warm regards,

Nikhil Gadkari
CEO

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ISO Certification

Certificate of Registration

This is to Certify That The Quality Management System of

ZentraBond

302, RUTANSH FLATS, NIVRUTI COLONY, INVOICE ARYA KANYA VIDHYALAY ROAD, KARELIBAUG, VADODARA- 390018

has been audited and conformed to be in accordance with the requirement of

ISO 9001:2015

The Quality Management System is applicable to :

Manufacturing of construction chemicals, concrete admixture , water proofing products, tile adhesive, floor hardner , engineering grouts, ready mix plaster and wall putty, protective coatings

Certificate No : **23QTR563**
Initial ReZENTRAtration Date: 29/08/2024 Issuance Date : 29/08/2024
Date of Expiry : 29/08/2027
1st Surve. Due : 29/08/2025 2nd Surve. Due: 29/08/2026

Authorised Signatiory

Unisys Assessment Ltd.
2 Edision Drive Rugby,
Warwickshire, United States CV211FB
Email : info@ukcertification.in
website : ukcertification.in

CERTIFIED ISO 9001:2015 CERTIFIED

Certificate Verification : Certificate vailidy can be Re check at www.ukcertification.in

This certificate is a property of Unisys Assessment Ltd. and shall be return immdediately when demanded

* Validy of the certification is subjected to successfull completion of surveilliance on or before due date

UK CERTIFICATION

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Product Data Sheet

ZENTRAPLAST NCL

Non-corrosive,
Non-chloride set accelerating admixture

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Description:

ZENTRAPLAST NCL is a non-corrosive, non-chloride admixture for concrete. It accelerates cement hydration resulting in shortened setting times and increased early compressive strengths. **ZENTRAPLAST NCL** does not contain calcium chloride and is completely non-corrosive to reinforcing steel, metal decks, and to all metal components. In concrete mixes, **ZENTRAPLAST NCL** accelerates the chemical reaction between Portland cement and water. It speeds up the formation of gel the binder that bonds concrete aggregates.

Uses:

- To accelerate the setting and early strength gain of Portland cement concrete and mortar mixes without the introduction of chloride. Acts as a plasticiser, so gives significant increases in both ultimate and early strengths.
- Typical applications include precast concrete, concrete placed in cold weather, concrete for repairs, mortars for brickwork.
- **ZENTRAPLAST NCL** may be used to speed finishing operations and/pr form removal, leading to savings in concrete construction costs.

Advantage:

- Chloride free safe in prestressed and reinforced concrete.
- Suitable for bricklaying mortar mixes.
- Early setting improves frost resistance.
- Plasticizing action gives increased workability and/or increased compressive strength.
- Particularly effective in concrete at low temperatures.
- It can also be used in concrete that is to be placed on steel clad or zinc coated steel decks where corrosion must be similarly avoided.

Standards Compliance:

ZENTRAPLAST NCL complies with **BS 5075 Part 1 and ASTM C494 Type C.**

Properties & Specifications:

Sr.No	Properties	Specification
1	Specific gravity	1.260 - 1.270 at 27 °C
2	Freezing point	-160 °C
3	Chloride content	Nil to BS 5075
4	Air entrainment	Less than 1% Compatibility with cements : May be used with all types of Portland cements. Not suitable for use with high alumina cement
5	Compatibility with cements	May be used with all types of Portland cements. Not suitable for use with high alumina cement
6	Acceleration	The addition of **ZENTRAPLAST NCL** to Portland cement concrete mixes accelerates both the setting and rate of strength gain. The strength improvements are most significant during the first 18 hours.
7	Long term effects	Accelerated corrosion testing of steel in concrete has shown that **ZENTRAPLAST NCL** does not affect the protection of steel afforded by cement against corrosion even at four times the normal dose level.

Instructions For Use:

Mixing:

ZENTRAPLAST NCL should be added direct into the mixer. Best results are obtained when added at the same time as the mixing water.

Curing:

A concrete curing membrane should be used, or alternative methods such as polythene, water spray or wet hessian.

ZENTRAPLAST NCL

Non-corrosive,
Non-chloride set accelerating admixture

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Cleaning:
Spillages of **ZENTRAPLAST NCL** can be removed with water.

Packing:
ZENTRAPLAST NCL is supplied in 1, 5, 10, 50, 100 and 200 litre drums.

Dosage:
The amount of **ZENTRAPLAST NCL** used will depend on specific job conditions, on local materials and on the degree of set acceleration and early strength development required. Typical addition levels range from 1 to 1.5 liter / 50 kg of cementitious material, but levels as high as 3 liter / 50 kg of cementitious material can be used. For freeze protection purposes typical addition rates are between 1 Liter and 3 liter / 50 kg of cementitious material.

Shelf Life & Storage:
ZENTRAPLAST NCL has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 ^{0}C to 45 ^{0}C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Health & Safety:
- **ZENTRAPLAST NCL** does not contain any hazardous substances requiring labelling.
- It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc.

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E-mail : zentrabond@gmail.com

ZENTRAPLAST 200

High performance water reducing and Super Plasticising Admixture

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Description:

ZENTRAPLAST 200 is based on Sulphonated Napthalene Polymers and is supplied as a brown liquid instantly dispersible in water. ZENTRAPLAST 200 has been specially formulated to give high water reductions upto 25% without loss of workability or to produce high quality concrete of reduced permeability.

Uses:

ZENTRAPLAST 200 a plast cizer for free flowing concrete in floor, slabs, foundations, slender components with dense reinforcement, walls, columns, pavements and other structural and non structural elements.

Specially recommended for the following types of concrete:

- Ready mix concrete
- Pre cast concrete
- Site batched concrete

Advantage:

ZENTRAPLAST 200 produces a more uniformly cohesive high quality free flowing concrete. It has following advantages:

- Improved strength and density
- Improved consistence retention
- Improved durability
- Improved water tightness
- Improved surface finish
- Improved cohesion properties

Standards:

ZENTRAPLAST 200 complies with IS:9103:1999 and BS:5075 Part 3. ZENTRAPLAST conforms to ASTM-C-494 Type 'G'.

Compatibility:

Can be used with all types of cements except high alumina cement. ZENTRAPLAST 200 is compatible with other types of AERO CONCHEM admixtures when added separately to the mix. Site trials should be carried out to optimise dosages.

Workability:

Can be used to produce flowing concrete that requires no compaction. Some minor adjustments may be required to produce high workable mix without segregation.

Cohesion:

Cohesion is improved due to dispersion of cement particles thus minimising segregation and improving surface finish.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	Brown color liquid
2	Specify Gravity	1.190-1.210 at 27°C
3	pH at 27°C	Minimum 6
4	Chloride Content	Nil to IS:456

Compressive Strength:

Early strength is increased upto 40% if water reduction is taken advantage of. Generally, there is improvement in strength upto 20% depending upon W/C ratio and other mix parameters.

ZENTRAPLAST 200

High performance water reducing and Super Plasticising Admixture

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Durability:

Reduction in W/C ratio enables increase in density and impermeability thus enhancing durability of concrete.

Application Instructions:

Dosage:

Trials need to be carried out at site to determine the exact dosage of the admixture for the particular mix design and materials. However for normal grades of concrete a dosage from 0.5% 1.0% by weight of cementitious material is recommended, the dosage may be increased to 1.5% to achieve specific slump requirements. For microsilica concrete where a high amount of water reduction and slump retention are required, trials need to be carried out to arrive at the correct dosage, as the dosage may increase upto 2.0% or even upto 2.5% by weight of cementitious material depending on mix design and performance required.

Overdosage:

An overdose of above the recommended level of admixture may result in high workability, slight increase in air entrainment and retardation of setting time. The ultimate strength of the concrete will not be adversely affected and will generally be higher than for normal concrete if properly placed and cured.

Dispensing:

The measured quantity of ZENTRAPLAST 200 should be added along with the gauging water. For best results, add ZENTRAPLAST 200 in the last phase after prewetting the mix with 80% of the total water required.

Packing:

ZENTRAPLAST 200 is supplied in 200 litre and 250kg.

Storage:

ZENTRAPLAST 200 has a minimum shelf life of 12 months when stored under normal temperatures. It should be protected from extreme temperatures and preferably stored in shade.

Precautions:

Health & Safety

ZENTRAPLAST 200 is non-toxic. Any splashes on the skin should be washed immediately with water. Splashes to the eyes should be washed immediately with water and medical advice should be sought.

Fire

ZENTRAPLAST 200 is non flammable.

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ZENTRACURE S (WHITE)

Water Based White Pigmented Concrete Curing Compound

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Description:

ZENTRACURE S (WHITE) is supplied as a white pigmented, non stainy, non toxic aqueous solution which when applied to fresh concrete surfaces, reacts with free lime and seals the pores, thus reducing the evaporation of water from the mix which assists curing process and increasing durability. Applied surfaces can be easily identified due to white pigment. Only single coat is sufficient for complete curing process eliminating the water curing.

Uses:

For spraying on freshly cast concrete, or newly exposed concrete surfaces after removal of form work, to form a temporary membrane which will retain sufficient moisture for effective curing to take place. Used for concreting generally but especially useful for large areas of concrete such as pavements, runways and bridge decks; also for vertical or sloping surfaces as on towers, chimneys, canal linings, columns and beams, where water curing is difficult or unreliable.

Advantage:

- Single application : Forms moisture barrier for whole of the curing period.
- No other curing necessary : Eliminates use of water, hessian or sand, completely.
- Reliable : No risk of erratic or poor curing and ensures that cement hydrates efficiently.
- Ensures hard-wearing surface : Minimises risk of drying shrinkage, cracks and dusty surfaces.
- Easy and safe spray application: Non-toxic and nonflammable.

Instruction for use:

Surface Preparation

- As ZENTRACURE S (WHITE) is ready to use, no preparation is required for using it.
- ZENTRACURE S (WHITE) should be applied as quickly as possible on fresh concrete.
- Surface should be pre - wetted before applying ZENTRACURE S (WHITE) ensuring that there is no free water on the surface at the time of application.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	White pigmented liquid
2	Specify Gravity @ 30°C	1.100 ± 0.005
3	Drying Time @ 30°C	< 4 hours approx.(as per ASTM C-309)
4	Reflectance (ASTM C-309)	70 %

Application:

- ZENTRACURE S (WHITE) should be stir before use to ensure dispersion of settled material.
- ZENTRACURE S (WHITE) should be applied to surface of fresh concrete.
- Application should begin as soon as the concrete is free from surface water.
- Do not apply if bleeding water foaming or present on surface.
- At the time of spraying, nozzle of spray should be held approximately 450 mm from the concrete surface and should be pass back and forth to ensure complete and even concrete surface an should be passed back and forth to ensure complete and even coverage.
- After spraying, no further application of water or other material necessary to ensure further curing.
- The concrete surface should not be disturbed until it gets sufficient strength to resist surface load.
- Do not walk on applied film until it gets fully dry and care should be taken to ensure that the film doesn't break.
- Under the conditions of excessive heat or drying wind, polythene, sheet may be used to cover the surface after application of ZENTRACURE S (WHITE).

Cleaning

Cleaning Equipment used to mix and apply ZENTRACURE S (WHITE) should be washed immediately after use with clean water.

ZENTRACURE S (WHITE)

Water Based White Pigmented Concrete Curing Compound

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Limitations:

- Concrete staining may occur if ZENTRACURE S (WHITE) is applied to dry surfaces.
- ZENTRACURE S (WHITE) should be protected from rain and traffic for three (3) hours after application, or until the membrane has completely dried. To prevent clogging, regular cleaning of jet sprays during application is recommended.
- ZENTRACURE S (WHITE) should not be over coated with other coatings or treatments.
- If material is to be applied over the top of a surface treated with ZENTRACURE S (WHITE), sandblasting or solvent treatment is recommended as surface preparation.
- Early application of ZENTRACURE S (WHITE) will help prevent plastic shrinkage cracks from occurring by reducing the amount of water evaporating.
- Concrete curing compound, however, will not counter the effects of cracking that may occur as a result of long term drying shrinkage. Good concrete practices must apply when positioning construction joints and shrinkage control joint.

Packing & Coverage:

Packing : 1, 5, 10, 50, 100 & 200 ltrs. Containers. Coverage : 5-6 m per liter

Shelf Life & Storage:

ZENTRACURE S (WHITE) has a shelf life of 12 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance:

ZentraBond is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2015.

Precautions:

Health & Safety

ZENTRACURE S (WHITE) is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

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ZENTRACURE RB

Aluminised Resin Based Curing Compound

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Description:

ZENTRACURE RB is aluminized resin based liquid curing membrane for protecting concrete from loss of water during the early stage of the curing period. It is supplied as single component liquid which is ready for immediate site application. It produces a hard wearing surface, with excellent adhesion properties. It complies and exceeds all the requirements of ASTM C – 309, Type 2, class B and BS 7542.

Uses:

ZENTRACURE RB is used to slow down the rate at which water evaporates from the concrete to cure more efficiently and achieve maximum performance properties. ZENTRACURE RB can be used on:

- General concrete requiring curing.
- Road decks.
- Runways.
- Bridge works

Advantage:

- Reduces the incidence of plastic shrinkage cracking.
- Improves strength and durability of concrete.
- Reduces surface dusting.
- Increases abrasion resistance.
- Reduces the permeability of concrete.
- Economical and easy to apply.
- Excellent performance on large concrete areas.

Instruction for use:

Mixing

ZENTRACURE RB is supplied ready to use and should not be diluted. Stir thoroughly before use.

Application:

ZENTRACURE RB should be applied by handheld spray equipment at the specific coverage to achieve a thin and even film. Application should be proceed immediately after the desired concrete surface finish has been attained, ensuring all surface bleed water has disappeared before hand. ZENTRACURE RB performs best when one full coat is continually applied until uniform film is achieved.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	Aluminised pigmented liquid
2	Specify Gravity @ 30°C	0.900 + 0.005
3	Drying Time @ 30°C	1 to 2 hours approx
4	Curing Efficiency (ASTM C-309)	> 90 %
5	Water Retention (ASTM C-309)	0.55 kg/m at 72 hours
6	Flash Point	40°C

Cleaning

Cleaning Equipment used to mix and apply ZENTRACURE RB should be washed immediately after use with mineral solvent.

ZENTRACURE RB

Aluminised Resin Based Curing Compound

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Limitations:

Concrete staining may occur if ZENTRACURE RB is applied to dry surfaces.

ZENTRACURE RB should be protected from rain and traffic for three (3) hours after application, or until the membrane has completely dried.

To prevent clogging, regular cleaning of jet sprays during application is recommended. A should not be over coated with other coatings or treatments. If material is to be applied over the top of a surface treated with ZENTRACURE RB, sandblasting or solvent treatment is recommended as surface preparation.

Early application of ZENTRACURE RB will help prevent plastic shrinkage cracks from occuring by reducing the amount of water evaporating. Concrete curing compound, however, will not counter the effects of cracking that may occur as a result of long term drying shrinkage. Good concrete practices must apply when positioning construction joints and shrinkage control joint.

Packing & Coverage:

Packing : 1, 5, 10, 50, 100 & 200 ltrs. Containers. 2 Coverage : 5-6 m per liter

Shelf Life & Storage:

ZENTRACURE RB has a shelf life of 6 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened bags.

All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance:

ZentraBond is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2015.

Precautions:

Health & Safety

ZENTRACURE RB is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

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ZENTRAPLAST PC (MID)

Mid-Range Superplasticizer Based on Polycarboxylate ether

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Description:

ZENTRAPLAST PC Typical Properties & Speciications: (MID) is a new generation Polycarboxylate based superplasticizer designed for the production of wide range of concrete mixes from conventional to self-consolidating concrete. ZENTRAPLAST PC (MID) shows

improved performance in fluidity retention and the development of compressive strength compared to the PNS (poly naphthalene sulfonate) based superplasticizer. ZENTRAPLAST PC (MID) combines the properties of water reduction and workability retention. It allows the production of high performance concrete with good workability. ZENTRAPLAST PC (MID) can be used in moderate dosage to replace high dosage of naphthalene based superplasticizer in high performance concrete mixes.

Uses:

ZENTRAPLAST PC (MID) is a mid-range superplasticizer, designed to produce high strength high flow concrete in a variety of applications such as:

- Concrete requiring long workability retention.
- Concrete containing micro silica, GGBS and PFA.
- For hot weather concrete
- Pumped concrete
- Pre-cast industry.

Advantage:

- Increase early and ultimate compressive strength with normal setting.
- Produces concrete with high levels of workability without segregation
- Excellent concrete durability and rheology
- Lower permeability
- Excellent handling properties
- Lowers drying shrinkage and creep
- Increased productivity, resulting in reduced labor costs.

Standards

ZENTRAPLAST PC (MID) complies with ASTM C 494 Type G

Dosage:

Dosage rates vary depending upon the amount of plasticity and/or water reduction desired. Recommended dosage range from 0.80 to 2.5 liters per 100 kg of total cementitious material. Other dosages may be recommended in special cases according to the specific site conditions. It is highly recommended that trial mixes be prepared to determine the optimum dosage for your specific performance requirements.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	Water Colour Liquid
2	pH	>6.0

Effects of overdosing:

Over dosage may cause delay in the setting time and bleeding problems.

Mixing:

ZENTRAPLAST PC (MID) is a ready to use liquid admixture to be added to the concrete as a separate component. ZENTRAPLAST PC (MID) is poured into the concrete mix right after the addition of at least 80% of mixing water, when all materials are wetted. Avoid adding the admixture to the dry aggregates.

ZENTRAPLAST PC (MID)

Mid-Range Superplasticizer Based on Polycarboxylate ether

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Compatibility:

ZENTRAPLAST PC (MID) is compatible with all types of cements and cement replacements, such as MicroSilica, Fly Ash and GGBS. However, ZENTRAPLAST PC (MID) is not compatible and Should not be used in combination with any PACTOFLO range of naphthalene based superplasticizers.

Storage:

Up to 1 year in unopened original packing, protected from extremes of heat and cold and stored under shade.

Precautions:

Health & Safety

ZENTRAPLAST PC (MID) is not a fire or health hazard. Spillages should be washed down immediately with cold water. For further information refer to the Material Safety Data Sheet.

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ZENTRACURE RB (W)

ALUMINISED RESIN BASED CURING COMPOUND

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Description:

ZENTRACURE RB is (aluminized resin based) is a water based liquid curing membrane for protecting concrete from loss of water during the early stage of the curing period. It is created as a low viscosity formulated from synthetic resin to make it easy to apply and use. ZENTRACURE RB (W) is sprayed directly on the cementitious surface and forms a thin silvery film. It is a uniform and non-penetrated coating that restricts moisture loss, which ensures better cement hydration, improves durability and limits shrinkage.

ZENTRACURE RB (W) is designed to produce highly durable concrete structures by enhancing the cement's hydration capabilities. Controlling moisture helps to improve surface quality of concrete, reduce permeability, and give a tough but clean and smooth surface. The product effectively restricts surface cracking and shrinkage by preventing loss of moisture. Besides, ZENTRACURE RB (W) is safe for use as it is made from non-toxic and non-flammable compounds. It complies and exceeds all the requirements of ASTM C – 309, Type 2, class B and BS 7542.

Uses:

ZENTRACURE RB (W) is used to slow down the rate at which water evaporates from the concrete to cure more efficiently and achieve maximum performance properties. ZENTRACURE RB (W) can be used on:

- General concrete requiring curing.
- Road decks.
- Canals, Retaining walls
- Roof decks
- Runways.
- Bridge works.

Advantage:

- Reduces the incidence of plastic shrinkage cracking.
- Improves strength and durability of concrete.
- Reduces surface dusting.
- Increases abrasion resistance.
- Reduces the permeability of concrete.
- Economical and easy to apply.
- Excellent performance on large concrete areas.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	Aluminised Pigmented Liquid
2	Specific Gravity @ 30°C	1.005 + 0.010
3	Drying Time @ 30 0C	1 to 2 hours approx.
4	Curing Efficiency (ASTM C-309)	> 90 %
5	Retention (ASTM C-309)	0.55 kg/m2 at 72 hours
6	Standards	ASTM C309 – Class B and BS 7542

Instruction for use:

Mixing:

ZENTRACURE RB (W) is supplied ready to use and should not be diluted. Stir thoroughly before use.

Application Method :

ZENTRACURE RB (W) should be applied by handheld spray equipment at the specific coverage to achieve a thin and even film. Application should be proceed immediately after the desired concrete surface finish has been attained, ensuring all surface bleed water has disappeared before hand.

ZENTRACURE RB (W) performs best when one full coat is continually applied until uniform film is achieved.

ZENTRACURE RB (W)

ALUMINISED RESIN BASED CURING COMPOUND

ZentraBond
CONSTRUCTION CHEMICALS
We Bond You With Trust

Cleaning:

Cleaning Equipment used to mix and apply ZENTRACURE RB (W) should be washed immediately after use with mineral solvent.

Limitations:

- Concrete staining may occur if ZENTRACURE RB is applied to dry surfaces.
- ZENTRACURE RB should be protected from rain and traffic for three (3) hours after application, or until the membrane has completely dried.
- To prevent clogging, regular cleaning of jet sprays during application is recommended.
- A should not be over coated with other coatings or treatments. If material is to be applied over the top of a surface treated with AEROCURE RB, sandblasting or solvent treatment is recommended as surface preparation.
- Early application of ZENTRACURE RB will help prevent plastic shrinkage cracks from occuring by reducing the amount of water evaporating. Concrete curing compound, however, will not counter the effects of cracking that may occur as a result of long term drying shrinkage. Good concrete practices must apply when positioning construction joints and shrinkage control joint.

PACKING & COVERAGE:

Packing : 100 & 200 ltrs. HDPE Drums.
Coverage : 5-6 m 2 per liter

SHELF LIFE & STORAGE

ZENTRACURE RB (W) has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 0C to 45 0C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance

ZentraBond is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:20015.

HEALTH & SAFETY

ZENTRACURE RB (W) is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

Regd. Office :
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Manjusar, Dist. Vadodara.
Vadodara (Gujarat)

E-mail : zentrabond@gmail.com

ZENTRACON BLOCK FIX

AAC Block Jointing Mortar

ZentraBond
CONSTRUCTION CHEMICALS
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Description:

AERO BLOCKFIX is a factory prepacked blend of carefully selected imported raw materials, cementitious polymer modified Block jointing mortar. AERO BLOCKFIX is a versatile thin jointing material for laying AAC blocks, fly ash bricks, concrete locks etc. AERO BLOCLKFIX mortar is specially designed to provide stronger, much more durable bonding between the blocks with superior adhesive strength. It replaces conventional cement and sand mix mortar of 12-18 mm thickness with highly versatile 3-5 mm thickness. It is confirms to american standard ASTM C-1660-10.

As AERO BLOCKFIX contains fine graded sand it helps in laying an even strong and thin layer of joint. This is not only cost-effective but also builds even wall as this improves the levelling of wall and the plaster thickness can be reduced. This further reduces thickness of putty application thus an all-round reduction of cost can be achieved.

Features:

- Excellent bonding to the blocks/fly ash bricks
- Better Levelling
- Prevent water percolation
- Thinner layer of application

Advantage:

- Good workability Easy to use at site
- Consistent work quality
- Plastering can be done after 24 hrs. of application
- Early setting no curing required

Benefits:

- Saves time Cost Effective
- Can be applied by ordinary mason. No special skill required
- Crack resistant
- Lesser shrinkage & seamless structure

Uses:

- Laying & jointing of masonary units like AAC Blocks, Hollow Blocks, Fly Ash bricks and concrete Blocks etc.
- Jointing of concrete window and door frames, etc.,

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Appearance	Free flow Grey powder
2	Composition	Portland cement, selected sand, bonding additives.
3	Water Demand	25 – 30%
4	Workability	Good
5	Hard Dry	24 hours @ 30°C
6	Wet mix life	1 hour at 30°C
7	Curing	It is self curing, No additional water curing is required
8	Tensile Adhesion Strength	0.8 5 N / Sq.mm @ 28 day

ZENTRACON BLOCK FIX

AAC Block Jointing Mortar

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Instructions For Use:

Surface Preparation:

The surface of masonry units should be slightly wet prior to application of ZENTRACON BLOCLKFIX The surface must be structurally sound. Clean the blocks from dust or any coating, masonary surface should be clean without dust & voids. It must not be overheated nor frozen.

Mixing:

Take the 10 to 11 ltr. Clean water (for 40 kg. bag) in a bucket, add slowly AERO BLOCKFIX and stirr continiously for 5-8 minutes by using an electric mixer or by hand to obtain homogeneous lumps free mix. Smaller quantity can be also mix by manually.

Mixing Application:

- Layout the wall in which is to be used and mark openings like doors, windows, any architectural appurtenances etc.
- Put a thin layer of AERO BLOCLK FIX in the thickness of 3 to 5mm on the clean and leveled surface using proper trowel on which the block work is to be carried out.
- Place the block on the laid AERO BLOCLK FIX in proper line and level.
- After placing the first block apply the AERO BLOCLK FIX of same thickness on both the sides of the block continuously keeping a check on the line and level.
- Clean the excess material, if any immediately. Continue the procedure for the entire block work.
- Tools and equipment can be easily cleaned with clean water.

PACKING & COVERAGE:

ZENTRACON BLOCKFIX is available in 40 kg. HDPE laminated bags. Coverage of ZENTRACON BLOCKFIX is approx. 120 – 130 sq. ft. per 40 kg. of bag. with the thickness of 4 mm. The coverage area however will depend upon the quality and evenness of substrate, thickness of joints.

SHELF LIFE & STORAGE

AERO BLOCLK FIX has a shelf life of 6 months from date of manufacture when kept at a temperature Between 5ºC to 45ºC and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

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HEALTH & SAFETY

AERO BLOCLKFIX skin, eyes or be swallowed.Protective glasses should be worn during mixing and application. Should AERO BLOCLKFIX come into contact with skin, remove before hardening by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting. For full health and safety data refer to Product Safety Data Sheet.

Quality Assurance

ZentraBond is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:20015.

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Vadodara (Gujarat)

E-mail : zentrabond@gmail.com

PREMIX PLAST

Cement Based Fiber Reinforcement Plaster
For External Use

ZentraBond
CONSTRUCTION CHEMICALS
We Bond You With Trust

Description:

PREMIX PLAST is a fiber reinforced portland cement based ready mix plaster used for traditional plastering works in a clean and speedy manner, while keeping a homogeneous mix. Due to its high content in fibers and additives, it allows better shrinkage control as well as improved workability, curing and impermeability.

Uses:

PREMIX PLAST (I) is suitable for use on exterior walls and facades ranging from residential to heavy commercial and industrial buildings. PREMIX PLAST (I) is recommended plastering on concrete surfaces and bricks.

Advantage:

- Fiber reinforced, crack resistant.
- Tougher as internal undercoat.
- Streamlines and improves the building process.
- Lower cost and higher quality than site-mixed plaster. Manufactured under strict controls to insure batch-to-batch
- consistency.
- Provides a consistent basecoat for receiving the finish coat, providing even suction that will insure a uniform finish appearance.
- Extended working time.
- Better workability than field mixes, thus saving time and labor cost.
- Prolonged pot life.

Limitations:

Do not mix or apply if ambient temperature is expected to drop below 5°C during installation or in the proceeding 24 hours, or if rain is expected in the proceeding 24 hour period after application. Do not mix or apply when ambient temperature is expected to exceed 40°C. Avoid working in direct sunlight. Temporary protection from weather and other damage must be provided at all times until entire job is completed.

Instruction For Use Surface Preparation:

The substrate must be clean, sound, and free from dust and all traces of oil and laitance. A few hours before the application of PREMIX PLAST dampen the surface with clean water.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Colour	Grey
2	Composition	Portland cement, selected sand, fibers and other additivess.
3	Grain size	0 to 3.5 mm
4	Mixing ratio	8 – 8.5 liters per 50 kg bag
5	Powder density	1.50 ± 0.10
6	Wet mix life	1 hour at 30°C
7	Coat Thickness	15 – 16 mm

Mixing:

Mix manually or mechanically a 50 kg bag of PREMIX PLAST with 8 to 8.5 litres of clean cool Water until a homogeneous paste is obtained. Let the mix rest for a few minutes.

PREMIX PLAST

Cement Based Fiber Reinforcement Plaster
For External Use

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Application:

Apply the plaster on the prepared surface by spraying it or manually with a plastering trowel at a thickness between 15 and 16 mm. Finish the surface with a wooden or steel float as required. .

Let the product set properly on the surface before any curing.

Curing:

Protect the newly applied plaster from sunshine and wind. The new plaster has to be cured with water for at least three days by spraying 3 to 4 times daily.

Tools Cleaning:

Tools and equipment can be easily cleaned with a clean water.

PACKING & COVERAGE:

PREMIX PLAST is available in 50 kg. of woven bags. 50 kg. bag of PREMIX PLAST will cover 18 to 20 sq.ft in 14 to 15 mm thickness. The coverage depends upon the substrate.

SHELF LIFE & STORAGE

PREMIX PLAST has a shelf life of 9 months from date of manufacture when kept at a temperature between 5ºC to 45ºC and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

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HEALTH & SAFETY

PREMIX PLAST should not come into contact with skin, eyes or be swallowed. Protective glasses should be worn during mixing and application. Should PREMIX PLAST come into contact with skin, remove before hardening by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting. For full health and safety data refer to Product Safety Data Sheet.

Quality Assurance

ZentraBond is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:20015.

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ZENTRACON ROAD REPAIR

Rapid Setting Road Repair Mortar

ZentraBond
CONSTRUCTION CHEMICALS
We Bond You With Trust

Description:

ZENTRACON ROAD REPAIR is a fast-setting, rapid-hardening mortar designed to repair concrete highways, bridge, decks, concrete parking lots and concrete floors.

Uses:

ZENTRACON ROAD REPAIR can be used to replace sections of streets or highways, runways or taxiways of airports and other applications where quick return to usage is desired. In most cases, traffic can be resumed in less than 1 hour after patching. ZENTRACON ROAD REPAIR is made from specially blended cement with carefully graded aggregates to provide a permanent patch.

Installation Surface Preparation :

- Remove all spalled areas and areas of unsound concrete and patching
- After the chipping process is completed, the repair area must be cleaned by water blasting or other suitable method
- Dampen holes with clean water before patching. No puddles of water should be left in the hole
- Apply Acrylic based primer on prepared surface by brush and keep it for 15-20 minutes.

Mixing :

- Use approximately 3.5 ltr. of potable water per 25 kg bag; Do not exceed 3.75 ltr. of water.
- All tools and equipment used in the mixing and finishing process should be clean
- Place water in mixer. While concrete or mortar mixer is running, add contents of bag. Mix 2 to 3 minutes.
- Place in a wheelbarrow or other transporting vehicle. Place the mixture immediately after the mixing is completed

Note - Working time is 20 - 25 minutes and will fluctuate: shorter time during severe hot weather and longer time during cold weather.

TYPICAL PROPERTIES

Sr.No	Properties	Specification
1	Physical Appearance	Grey Powder
2	Setting Time	Initial – 20-25 mins., Final – 40-50 mins.
3	Compressive Strength	1 Day – 22.0 N/mm^2, 7 Days – 36 N/mm^2, 28 Days – 65 N/mm^2
4	Flexural Strength	28 Days – 7 N/mm^2
5	Adhesion Strength	0.8 to 1.5 N/mm^2 @ 24 hours 1 to 2 N/mm^2 @ 7 Days

Placing :

- The hole should be filled by placing material full depth, from one end to the other to eliminate part depth lifts between batches
- Consolidate the material in the hole by vibration, hand tamping or chopping with a shovel. This is particularly important around the edges
- Screed and finish patches with hand tools to create a surface finish equivalent to the existing slab finish

CURING :

Curing is not required. Traffic can be allowed over the patch in approximately 1 hour if the temperature is 25 0C or above. Cure under ambient conditions. Do not moist cure.

ZENTRACON ROAD REPAIR

Rapid Setting Road Repair Mortar

ZentraBond
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Aggregate Extension :

For deep patches, **ZENTRACON ROAD REPAIR** may be extended with up to 12.5 kg 10 mm coarse aggregate per 25 kg bag. Water content must be adjusted depending on the moisture content of the aggregate.

Consumption :

Approximately 10kg/m^2 for 5mm thick repair.

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

Shelf Life & Storage :

ZENTRACON ROAD REPAIR has a shelf life of 6 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance :

ZentraBond is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2015.

Health & Safety :

ZENTRACON ROAD REPAIR is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

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ZENTRACON SPRAY SET

RAPID SETTING SPRAY CONCRETE ADMIXURE

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Description:

ZENTRACON SPRAY SET is a chloride free accelerating admixtures supplied in liquid form, specially developed and designed to meet the demand for efficient and multifold properties desired for guniting job site. It accelerates the rate of hardening gives perfect water proofing, and has excellent bonding properties which reduces the wastage during guniting, shotcreting or sprayed jobs. A thick layer can be caste in single operation.

Guniting using **ZENTRACON SPRAY SET**, the reactive component of the admixture combines with cement particles thereby making the mortar or concrete rock hard in minutes of jetting. It reduces the loss of material caused by rebound, thus reducing the cost. It can be used with all types of cements.

Benefits:

- Accelerates the hardening Process.
- Chloride free - safe for Reinforced Concrete
- Provides plasticising properties thereby jetting is made easier.
- Increases water impermeability, gives perfect water proofing.
- Seals the water seepage like ground water in tunnels.
- Excellent for overload surfaces.
- Excellent bonding properties.
- Can be used in lower temperatures.
- Allows thicker layer in single operation hence increases the speed of work.
- Reduces frost damage during construction which will save cost.
- Versatile.

Typical Properties:

Sr.No	Properties	Specification
1	Physical States	Clear Liquid
2	Specific Gravity	1.35 ± 0.015
3	Chloride Content	Nil as per IS 6925:1973

Uses:

ZENTRACON SPRAY SET is used in sprayed concrete, shotcrete & gunite processes requiring rapid setting. it is used for all types of cements.

Application:

ZENTRACON SPRAY SET should be directly added to water which is to used in the mix. Dosage of ZENTRACON SPRAY SET should be determine by trials according to the temperature and requirement of consumer.

Dosage & Packing:

ZENTRACON SPRAY SET is available in 5 kg, 20 kg, 200 kg. (Carboys)and dosage should be 2% to 5% by weight, optimum dosage should be determined by site trials.

Shelf Life & Storage :

ZENTRACON SPRAY SET will have a shelf life of 12 months in unopened containers when kept in dry conditions at a temperature between 5ºC to 45ºC. Storage at higher temperature or high humidity may reduce shelf life.

ZENTRACON SPRAY SET

RAPID SETTING SPRAY CONCRETE ADMIXURE

ZentraBond
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Health & Safety :

ZENTRACON SPRAY SET is water based & non-flamable in nature. Avoid contact with skin and eyes. Accidental splashes should be washed liberally with water and seek medical advice.

Specification :

ZENTRACON SPRAY SET is a high range water reducer and retarding admixtures for concrete used at a rate of 200- 500ml / 50kg of cement, and strictly in accordance with the instruction of **ZentraBond**.

Quality Assurance :

Mix Design : ZentraBond has a dedicated advisory service on Concrete Mix Design and can be contacted if assistance is required. While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our laboratory in Baroda and technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

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Vadodara (Gujarat)

E-mail : zentrabond@gmail.com

ZENTRA CRYSTALGUARD

Cement-Based Crystalline Waterproofing Compound
Appearance: Fine grey powder
Packaging: 25 kg HDPE Bag

ZentraBond
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Description:

Zentra CrystalGuard is an advanced crystalline waterproofing compound that becomes an integral part of concrete. When mixed or applied, it reacts with moisture and free lime in the concrete to form dense, insoluble crystals that block pores and micro-cracks. This action prevents water penetration even under high pressure, providing permanent internal waterproofing.

Recommended Applications:

- Concrete Roads & Pavements
- Bridge Decks & Infrastructure Slabs
- Water Tanks & Underground Structures
- Tunnels, Lift Pits, and Foundations
- Basements, Retaining Walls, Podiums

Dosage & Coverage:

- As Concrete Admixture: 0.8% by weight of cement (i.e. 800g for every 100 kg of cement)
- As Surface Coating:
- First Coat: Approx. 0.75 kg/m²
- Second Coat: Approx. 0.65 kg/m²
- Total Consumption: ~1.4 kg/m² for 2 coats

Technical Specifications:

Sr.No	Properties	Specification
1	Physical Form	Free-flowing grey powder
2	Bulk Density	~1.25 g/cm³
3	Initial / Final Setting Time	2 to 6 hours (varies with cement)
4	Water Penetration Resistance	Pass – 7 bar (DIN 1048)
5	Crack Sealing Capacity	Up to 0.5 mm
6	Chloride Ion Penetration	Very Low (ASTM C1202)
7	Bond Strength (to concrete)	≥1.5 N/mm²
8	Shelf Life	12 months (unopened, dry storage)
9	Ideal Application Temperature	+5°C to +40°C

Test Standards & Approvals:

- ASTM C-494 Type S (Waterproofing Admixture)
- DIN 1048 (Permeability under water pressure)
- EN 12390-8 (Water penetration resistance)
- IS 2645 (Integral Waterproofing Compound)

Application:

For Use in Concrete Mix:

1. Mix Zentra CrystalGuard with dry cement before batching or add directly during mixing.
2. Ensure uniform blending at 0.8% dosage by weight of total cementitious content.

As Brush-Applied Coating:

1. Mix with clean water in 2.5:1 powder-to-water ratio to form a slurry.
2. Pre-wet the surface and apply two coats using a stiff brush or spray.
3. Maintain moist curing for 3–5 days for best performance.

ZENTRA CRYSTALGUARD

Cement-Based Crystalline Waterproofing Compound
Appearance: Fine grey powder
Packaging: 25 kg HDPE Bag

Limitations:

- Not designed for expansion or movement joints.
- Crystals require water presence for activation.
- Use in mixes with minimum 300 kg/m³ cement content.

Health & Safety:

- Avoid inhalation of dry powder.
- Use protective gloves, eyewear, and mask.
- Refer to Safety Data Sheet (SDS) for complete handling instructions.

Key Benefits:

- Becomes part of the concrete matrix — no peeling or delamination
- Self-heals hairline cracks up to 0.5 mm
- Protects against water, chemicals and chloride attacks
- Long-term durability, reduces maintenance
- Works under both positive and negative pressure
- Suitable for use with other concrete admixtures

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Test Certificates

GEO DESIGNS & RESEARCH (P) LTD.

GEO TEST HOUSE
(A DIV. OF GEO DESIGNS & RESEARCH (P) LTD.)

TEST REPORT

Job No : 6569/288003
Sample No : 2880005

Report No : TC1470625000023914F
Report Date : 23/01/2025

Client : Gadkari Infra Solutions,Vadodara
Contractor : --
Engineer : --
Project Name : --
Reference No. : Material Inward Dated. : 13/01/2025

Sample Description : Admixture (GISPLAST 200)
Source / Mfg. Name : Gadkari Infra Solutions,Vadodara
Sample ID mark : Batch No. 81214
Date Sample received : 21/01/2025

Sample Submitted by : Client
Sample Condition : Good
Date Test Started : 22/01/2025
Date Test Completed : 23/01/2025

PHYSICAL & CHEMICAL PROPERTIES OF ADMIXTURE

Sr. No.	Test Details	Test Method	Test Results	Specification Requirement (IS 9103 : 1999)
1	pH Value	IS 9103 : 1999	6.20	6 Min.
2	Chloride Content , %	IS 6925 : 1973	0.0124	Within 10 percent of the value or within 0.2 percent whichever is greater as stated by the manufacturer
3	Relative Density	IS 9103 : 1999	1.07	Within 0.02 of the value stated by the manufacturer
4	Ash Content, %	IS 9103 : 1999	3.30	0.95 T ≤ AC < 1.05 T Where, T- Manufacture's stated value in percent by mass AC- test results in percent by mass
5	Dry Material Content, %	IS 9103 : 1999	29.52	0.95 T ≤ DMC < 1.05 T Where, T- Manufacture's stated value in percent by mass DMC - test results in percent by mass

Tested By : VP

Checked By

GEO TEST HOUSE An ISO 9001:2008 Certified Material Testing Laboratory VADODARA - www.geogroup.in

Authorized Signatory
MACWAN W.G.
(Dy. Technical Manager)

*** End of Report ***

NOTE:
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2.This test certificate applies only to the samples received in the laboratory.

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TC-14706

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TEST REPORT

Job No : 6569/288003
Sample No : 2880004

Report No : TC1470625000023913F
Report Date : 23/01/2025

Client : Gadkari Infra Solutions,Vadodara
Contractor : --
Engineer : --
Project Name : --
Reference No. : Material Inward Dated. : 13/01/2025

Sample Description : Admixture (GISPLAST PC)
Source / Mfg. Name : Gadkari Infra Solutions,Vadodara
Sample ID mark : Batch No. 75124
Date Sample received : 21/01/2025

Sample Submitted by : Client
Sample Condition : Good
Date Test Started : 22/01/2025
Date Test Completed : 23/01/2025

PHYSICAL & CHEMICAL PROPERTIES OF ADMIXTURE

Sr. No.	Test Details	Test Method	Test Results	Specification Requirement (IS 9103 : 1999)
1	pH Value	IS 9103 : 1999	6.80	6 Min.
2	Chloride Content , %	IS 6925 : 1973	0.0035	Within 10 percent of the value or within 0.2 percent whichever is greater as stated by the manufacturer
3	Relative Density	IS 9103 : 1999	1.08	Within 0.02 of the value stated by the manufacturer
4	Ash Content, %	IS 9103 : 1999	2.40	0.95 T ≤ AC < 1.05 T Where, T- Manufacture's stated value in percent by mass AC- test results in percent by mass
5	Dry Material Content, %	IS 9103 : 1999	33.80	0.95 T ≤ DMC < 1.05 T Where, T- Manufacture's stated value in percent by mass DMC - test results in percent by mass

Tested By : VP

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Checked By

Authorized Signatory
MACWAN W.G.
(Dy. Technical Manager)

*** End of Report ***

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TC-14706

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TEST REPORT

Job No : 6569-288003
Report No : BRD/6569-288003/Ready Mix Mortar/2880013
Sample No : 2880013
Report Date : 26-02-2025

Client : Gadkari Infra Solutions, Vadodara.
Contractor : -
Consultant : -
Name of work : Testing of Ready Mix Mortar Material.
Reference No. : Material Inward Dated:-13-01-2025

Material Description : Ready Mix Mortar
Sample submitted by : Client
Product Name : Premix Plast
Date of Test Started : 29-01-2025
Date of Sample Received. : 21-01-2025
Date of Test Completed : 26-02-2025
W/P Ratio : 0.18

Sr. No.	Test Name	Unit	Average Test Result	Test Method
1	Dry Loose Bulk Density	Kg/l	1.586	IS 2386, Part-3 : 1963
2	Setting Time			
a)	Initial Setting Time	Minute	560	I.S 8142 : 1976
b)	Final Setting Time	Minute	880	
3	Compressive Strength			I.S 4031:1988 (Part-6)
a)	7 Days	N/mm^2	6.08	
b)	28 Days	N/mm^2	8.10	
4	Pull off Bond Strength			
a)	7 Days	N/mm^2	0.20	IS 15477 : 2019
b)	28 Days	N/mm^2	0.36	

Tested by : VK

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NOTE:
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2.This test certificate applies only to the samples received in the laboratory.

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TEST REPORT

Job No : 6569-288003

Report No : BRD/6569-288003/BJM/2880010

Sample No : 2880010

Report Date : 25-02-2025

Client : Gadkari Infra Solutions, Vadodara.

Contractor : -

Consultant : -

Name of work : Testing of Block Joining Mortar.

Reference No. : Material Inward Dated:-13-01-2025

Material Description : Block Joining Mortar

Sample Submitted by : Client

Product : GISCON Block Fix

Date of Test Started : 28-01-2025

Date of Sample Rece. : 21-01-2025

Date of Test Completed : 25-02-2025

W/P Ratio : 0.18

Sr. No.	Test Name	Unit	Test Result	Test Method
1	Compressive Strength			I.S 4031: 2000 (Part-6)
a)	7 Days	N/mm^2	10.87	
b)	28 Days	N/mm^2	18.20	
2	Split Tensile Strength			ASTM C-1660-09
a)	7 days	N/mm^2	1.00	
b)	28 days	N/mm^2	1.09	

Tested by : VK

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TEST REPORT

Job No : 6569-288003
Report No : BRD/6569-288003/Curing Comp./2880006
Sample No : 2880006
Report Date : 25-01-2025

Client : Gadkari Infra Solutions, Vadodara
Name of work : Testing Curing Compound.
Reference No. : Material Inward Dated. : 13-01-2025

Sample Description : Curing Compound (GISCURE S White)
Sample submitted by : Client
Manufacturer Name : Gadkari Infra Solutions, Vadodara
Date of test started : 22-01-2025
Identification Mark : Batch No.--
Date of test completed : 25-01-2025
Date of sample reced. : 21-01-2025

PERPORTIES OF CURING COMPOUND

Sr. No.	Test Details	Unit	Test Results	Test Method	Specification Requirements (ASTM C 309-11)
1	Specific Gravity	--	1.090	IS 9103 : 1999	--
2	Non - Volatile Content	%	15.09	(IS 101 - P 2/Sec.2) : 1986	--
3	Water Retention (Loss of Water @ 72 hrs.) Test sample	kg/m^2	0.53	ASTM C 156-11	Loss of Water Shall not more than 0.55 Kg/m^2 in 72 hours
4	Drying Time	hrs./min.	2 hr 5 min.	ASTM C 309-11	Shall dry to touch in not more than 4 hours
5	Day Light Reflection Test With MgO	%	68	ASTM E 1347-15	Shall not less than 60%

Note : Above Test Carried Out in Laboratory, Rate of Application may Very Subject to Site Condition i.e. - Humidity, Concrete Temprature, Time of Application, Method of Application, Texture Finish, etc…

Tested By : GS/DP

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TEST REPORT

Job No : 6569-288003

Report No : BRD/6569-288003/Curing Comp./2880014

Sample No : 2880014

Report Date : 25-01-2025

Client : Gadkari Infra Solutions, Vadodara

Name of work : Testing Curing Compound.

Reference No. : Material Inward Dated. : 13-01-2025

Sample Description : Curing Compound (GISCURE RB W)

Sample submitted by : Client

Manufacturer Name : Gadkari Infra Solutions, Vadodara

Date of test started : 22-01-2025

Identification Mark : Batch No. 07421

Date of test completed : 25-01-2025

Date of sample reced. : 21-01-2025

PERPORTIES OF CURING COMPOUND

Sr. No.	Test Details	Unit	Test Results	Test Method	Specification Requirements (ASTM C 309-11)
1	Specific Gravity	--	1.030	IS 9103 : 1999	--
2	Non - Volatile Content	%	21.28	(IS 101 - P 2/Sec.2) : 1986	--
3	Water Retention (Loss of Water @ 72 hrs.) Test sample	kg/m^2	0.53	ASTM C 156-11	Loss of Water Shall not more than 0.55 Kg/m^2 in 72 hours
4	Drying Time	hrs./min.	2 hr 12 min.	ASTM C 309-11	Shall dry to touch in not more than 4 hours
5	Day Light Reflection Test With MgO	%	71	ASTM E 1347-15	Shall not less than 60%

Note : Above Test Carried Out in Laboratory, Rate of Application may Very Subject to Site Condition i.e. - Humidity, Concrete Temprature, Time of Application, Method of Application, Texture Finish, etc…

Tested By : GS/DP

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TEST REPORT

Job No : 6569-288003 Report No : BRD/6569-288003/Curing Comp./2880015

Sample No : 2880015 Report Date : 25-01-2025

Client : Gadkari Infra Solutions, Vadodara

Name of work : Testing Curing Compound.

Reference No. : Material Inward Dated. : 13-01-2025

Sample Description : Curing Compound (GISCURE RB) Sample submitted by : Client

Manufacturer Name : Gadkari Infra Solutions, Vadodara Date of test started : 22-01-2025

Identification Mark : Batch No.07421 Date of test completed : 25-01-2025

Date of sample reced. : 21-01-2025

PERPORTIES OF CURING COMPOUND

Sr. No.	Test Details	Unit	Test Results	Test Method	Specification Requirements (ASTM C 309-11)
1	Specific Gravity	--	0.905	IS 9103 : 1999	--
2	Non - Volatile Content	%	15.98	(IS 101 - P 2/Sec.2) : 1986	--
3	Water Retention (Loss of Water @ 72 hrs.) Test sample	kg/m^2	0.51	ASTM C 156-11	Loss of Water Shall not more than 0.55 Kg/m^2 in 72 hours
4	Drying Time	hrs./min.	2 hr 18 min.	ASTM C 309-11	Shall dry to touch in not more than 4 hours
5	Day Light Reflection Test With MgO	%	65	ASTM E 1347-15	Shall not less than 60%

Note : Above Test Carried Out in Laboratory, Rate of Application may Very Subject to Site Condition i.e. - Humidity, Concrete Temprature, Time of Application, Method of Application, Texture Finish, etc…

Tested By : GS/DP

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Telefax No. +91 22 27570710, Mobile: - +91 9619497305 Website: www.dhruvconsultancy.in
Email ID: info@dhruvconsultancy.in, services@dhruvconsultancy.in
CIN No. L74999MH2003PLC141887

Letter No. IE/DGKCSPL/NH-544G/ RPINP3PL/Pkg-3/2024-25/446 Date: 05-02-2025

To,
The Authorized Representative,
M/s. Rajpath Infracon NH-544G-PKG-3 Private Limited.,
Amar Business Zone, C-Wing, 13th Floor,
Office Nos.1302,1303 and 1304,
Veerbhadra Nagar, Baner, Pune 411045, Maharashtra
E-mail: tech@rajpathinfra.com.

Sub: Development of Six–Lane Access Controlled Greenfield Highway from Vankarakunta (Ch.45+700) to Odulapalle (Ch. 72+000) of [NH-544G] Bengaluru –Vijayawada Economic Corridor on HAM Mode under Bharatmala Pariyojana Phase-1 in the state of Andhra Pradesh (Package-3): **Concurrence of source in favour of M/s Gadkari Infra Solutions, Vadodara for sourcing the Admixture GISPLAST PC (Mid), Resin curing compound, cold pouring polysulphide sealant, 125 micron pvc seperation sheet, paper backed compressible de bonding strip, compressible synthetic filler board, de bonding tape & dowel bar sleeves- Reg.**

Ref: 1. Concessionaire Agreement dated 06.06.2023.
2. Your letter No: Raj Path/Site/BV/Pkg-3/788/2024-25 Date: 22.01.2025

Dear Sir,

This refers to your letter under reference cited above submitting therewith the company profile, credentials, technical literatures & copy of accreditation and thereby seeking for review and approval of subject materials from the subject source.

This is reviewed with respect to MoRT&H section 600, IS 9103 and rigid pavement drawings and the above subject source is found capable of supplying the products meeting the specification requirements of MoRT&H, IS codes & reviewed drawings and hence the Independent Engineer hereby concurs for sourcing the subject materials from the subject source subject to continuous compliance of following Qa/Qc requirements.

1. Each lot of supply shall accompany with MTC & Invoice.
2. The proposed admixture shall conform to IS 9103 and shall satisfy the desired mix properties during trial mix design.
3. Resin based curing compound shall meet the specification requirements of ASTMC 309, Type 2.
4. Polysulphide sealant shall conform to IS 11433 (part 1) & BS 5212 (part 2).
5. Other materials shall conform to the reviewed drawings and applicable standards.
6. Third party test shall be done in lot wise with the random samples witnessed by the Independent engineer.

This is for your kind information and necessary action.

Yours Sincerely,

R. Jagan Mohan Reddy
Team Leader
For Dhruv Consultancy Services Ltd., Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.,

Copy to: 1) The Project Director, NHAI, PIU-Kadapa, YSR District, Andhra Pradesh.
2) The Authorized Signatory, Dhruv Consultancy Services Ltd., Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.

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Joint Venture with
G-Eng Advisory Services Pvt. Ltd.
Associate with
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Telefax No. +91 22 27570710, Mobile: - +91
9619497305 Website: www.dhruvconsultancy.in
Email ID: info@dhruvconsultancy.in,
services@dhruvconsultancy.in
CIN No. L74999MH2003PLC141887

Letter No. IE/DGKCSPL/NH-544G/ RPINP2PL/Pkg-2/2024-25/326 Date: 06-02-2025

To,
The Authorized Representative,
M/s. Rajpath Infracon NH-544G-PKG-2 Private Limited.,
Amar Business Zone, C-Wing, 13th Floor,
Office Nos.1302,1303 and 1304,
Veerbhadra Nagar, Baner, Pune 411045, Maharashtra
E-mail: tech@rajpathinfra.com.

Sub: Development of Six–Lane Access Controlled Greenfield Highway from Vanavolu (Ch.24+300) to Vankarakunta (Ch.45+700) of [NH-544G] Bengaluru –Vijayawada Economic Corridor on HAM Mode under Bharatmala Pariyojana Phase-1 in the state of Andhra Pradesh (Package-2): **Concurrence of source in favour of M/s Gadkari Infra Solutions, Vadodara for sourcing the Admixture GISPLAST PC (Mid), Resin curing compound, cold pouring polysulphide sealant, 125 micron pvc seperation sheet, paper backed compressible de bonding strip, compressible synthetic filler board, de bonding tape & dowel bar sleeves- Reg.**

Ref: 1. Concession Agreement Date: 06.06.2023
2. Concession Appointment Date: 02.03.2024
3. Concessionaire Lr.No: Raj Path/Site/BV/Pkg-2/731/2024-25 dated: 04/02/2025

Dear Sir,

This refers to your letter under reference cited above submitting therewith the company profile, credentials, technical literatures & copy of accreditation and thereby seeking for review and approval of subject materials from the subject source.

This is reviewed with respect to MoRT&H section 600, IS 9103 and rigid pavement drawings and the above subject source is found capable of supplying the products meeting the specification requirements of MoRT&H, IS codes & reviewed drawings and hence the Independent Engineer hereby concurs for sourcing the subject materials from the subject source subject to continuous compliance of following Qa/Qc requirements.

1. Each lot of supply shall accompany with MTC & Invoice.
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3. Resin based curing compound shall meet the specification requirements of ASTMC 309, Type 2.
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5. Other materials shall conform to the reviewed drawings and applicable standards.
6. Third party test shall be done in lot wise with the random samples witnessed by the Independent engineer.

This is for your kind information and necessary action.

Yours Sincerely,

P. Jagan Mohan Reddy
Team Leader
For Dhruv Consultancy Services Ltd., Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.,

Copy to: 1) The Project Director, NHAI, PIU-Kadapa, YSR District, Andhra Pradesh.
2) The Authorized Signatory, Dhruv Consultancy Services Ltd., Joint Venture with G-Eng Advisory Services Pvt. Ltd. Associate with Kaius Consulting Pvt. Ltd.

Office of
Executive Engineer
National Highway Division , Amravati
"BandhkamBhavan" Camp Road, Amravati 444602
E-mail id:- nhamravati.ee@mahapwd.gov.in

Outward No.\165 /PO5/2024 Date:- 09-05-2024

To,
The Authorised Signatory
M/s RRSM Infra Private Limited
Base Camp Gat No. 119,120
Village Khanapur
Tq. Karanja District Washim
444105

Subject :- "Rehabilitation /Up gradation of Karanja – Kherda - Murtizapur Section to 4 Lane with Paved shoulder standards from Design km 74+351 to km 102+331 (Excluding overlapping length of 1.90 km with Samruddhi Mahamarg from Design Km 76+380 to 78+280) (Total length of the project 26.080 km) section of NH 361C on EPC Mode in the state of Maharashtra."
(Regarding submission of Credential & Profile for Source Approval of Dowell bar sleeves, separation membrane, Backer Rod)

Reference :- 1. Your letter no. RRSM/MH/EPC/KA-MU/2023-24/260 Dated 22.03.2024

With reference to the above subjected work you have submitted Credential & Profile for Source Approval of **Dowell bar sleeves, separation membrane, Backer Rod** vide letter under reference no. (1) on dated 27.04.2024.

In this regard this office reviewed the Credential & Profile of agencies M/s Gadkari Infra Solutions, Solution Experts, & SB International. Accordingly undersigned has approved following agencies are approved for Procurement of **Dowell bar sleeves, separation membrane, Backer Rod:-**

I) Gadkari Infra Solutions
II) Solution Experts
III) SB International

Executive Engineer
National Highway Division
Amravati

Enclosure :-Nil

Copy Submitted to:
1 . Sub Divisional Engineer NH Sub Division No. 5 for information and necessary action

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Armenge Engineering and Management Consultant Pvt. Ltd

Feedback Infra Private Limited
(Formerly known as Feedback Infrastructure Services Private Limited)
Feedback Highways Indve
Bakolia Sikari Pathar
District: Karbi Anglong Assam -
Email: ae.daboka@feedbackinfra.com
Project Manager: prabhakar.jha@feedbackinfra.com

TLO/FB/NHIDCL/Diphu/Pkg-5/2024-25/254 **Dated-: 10.01.2024**

To,

The Project Manager
BKSONS Infrastructure Pvt. Ltd.
Disobai Karbi Anglong
Assam.
Email id: - info@bksonsinfra.com, manpkg5@bksonsinfra.com

Subject: Consultancy Services for Authority's Engineer for Supervision of widening / Improvement to 4 (Four) lane with paved shoulder of Daboka –Khatkhati stretch of NH – 29 of package 5, Starting from near Ganpath Gaur Gaon at Km 95+400 to Kwaram Taro village at km 113+330 (Design Chainage Km 96+400 to km 113+830) in the State of Assam on EPC mode-: **Regarding Provisional Source Approval of Steel Fiber, Synthetic Fiber, Separation Membrane & Poly Propylene Fiber.**

Dear Sir,

Please refer to the above captioned subject and aforementioned reference, we have reviewed your submitted credential company profile of **Gadkari Infra Solutions**.

So, Source is consented to incorporate in the subject project subjected to following conditions, every load should be supplied with manufactured test certificates.

The material should confirm to MORT&H andIS:

As per method of testing should follow relevant IS: Codes.

The frequency of the test for the third party and in house to be followed as per the quality standards as per MORT&H and IS:

The third-party test should be conducted approve NABAL Laboratory.

However, please note that the steel fiber, Synthetic fiber Separation Membrane, & Poly Propylene fiber the stipulated specifications of MORT&H and IS:. The referrals of previous client to establish the credentials of the vendor have been examined and are found to be satisfactory.

Advised to conduct all require necessary tests (approved NABAL Laboratory) as per frequency.

Please note that if the contractor was failed to fulfil above conditions & if source of steel fiber, Synthetic fiber & Poly Propylene fiber is not meeting the specification requirements the source approval will be treated as cancelled.

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In Associate.
Armenge Engineering and Management Consultant Pvt. Ltd

Feedback Infra Private Limited
(Formerly known as Feedback Infrastructure Services Private Limited)
Feedback Highways Indve
Bakolia Sikari Pathar
District: Karbi Anglong Assam -
Email: ae.daboka@feedbackinfra.com
Project Manager: prabhakar.jha@feedbackinfra.com

This is for your information and further necessary action please.

Yours Sincerely
For Feedback Infra Pvt. Ltd

FEEDBACK INFRA PVT LTD
KARBI ANGLONG
ASSAM-782482

Authorized Signatory
Feedback Infra Pvt. Ltd.
NH-29 Pkg-05 Assam.

ENCL-

CC-: 01. The General Manager (P), NHIDCL, PMU, Diphu, Assam.
02. Prabhakar Jha, Project Manager, FIPL.

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Ph. + 91 98259 11000
E-mail : ssdwarka7335@gmail.com
E-mail : rajeshhgoriya@gmail.com

PURCHASE ORDER

Billing Address: **SHIVAM SUPPLIERS** C/O, Shivam Guest House, At-Bhatiya, Ta- Kalyanpur, Dis.- Devbhumi Dwarka -361320 **E-Mail: rajeshhgoriya@gmail.com** **GST No.: 24AMGPG7503G1ZE - PAN No.: AMGPG7503G**	**Shipping Address:** **SHIVAM SUPPLIERS** Air Strips Project, At Datrana Village, Tal Khambhalia, Dist D.Dwarka 361305 **E-Mail: rajeshhgoriya@gmail.com** **GST No.: 24AMGPG7503G1ZE - PAN No.: AMGPG7503G**
Vendor Details: **GADKARI INFRA SOLUTION** **GST No.: 24EFVPG3109E1ZK** **ADD: 302,RUTANSH FLATS NIVRUTI COLONY, ARYA KANYA VIDHYALAY ROAD,KARELIBAU**	**Purchase Order No. :** SS/PO/005/24-25 **Date :** 5-Jun-2024 **Contact Person 1 :** **Contact Person 2 :** Mr. Rajeshbhai Hamirbhai Goriya 9825911000

No.	PARTICULARS	HSN	QTY(MT)	UNIT PRICE	TOTAL PRICE
1	125 Micron Separation Membrane Transparent 5mtr	39211900	3000		

Packing Charges	
Taxable Amount :	
IGST @ 18.00%	
TCS @ 0.10%	
SGST @ 9.00%	
CGST @ 9.00%	
Gross Amount :	
Less: Discount @ 10%	
Net Amount :	

Bank Details:

SHIVAM SUPPLIERS S.S. BHATIYA

Terms & conditions:

1	Payment :	100% advance against Performa Invoice.
2	Delivery Time :	Immediately
3	Freight :	Prices Are exclusive Of Freight Charges. Freight Charges, at actual, will be paid extra.
4	Taxes :	PO Value is Inclusive of All Taxes & Duties.
5	Acceptance:	Please sign duplicate copies of Purchase Order as an acceptance of terms & conditions.
6	Mention of PO No.:	Mention our Purchase Order No. & site Name in your Invoice
7	Invoice:	Submit Original & Duplicate copies of Tax Invoice as per GST Rules at the time of Delivery. Applicable GST Break up to be
8	GST Credit:	Your outward supply details to be submitted to GSTN Portal in prescribed format on regular intervals. Howe transactions to be uploaded to GSTN only after matching the transactions with our GST registration. Mismatch transaction with our GST registrations, if any shall be brought to the notice of Mr. Rajeshbhai Hamirbhai Goriy 9825911000 and Email ID-rajeshhgoriya@gmial.com before closure of respective tax periodicity. Any liability arising on account of non-compliance of GST shall be recovered along with interest and penalty from your current / subse
9	Insurance:	Transit Insurance, if any will be in the scope of vendor. Copy of Insurance Policy will be given with Invoice.
10	TDS:	Tax will be deducted at source as per existing laws in India.

Shivam Suppliers

GSTIN : 24AMGPG7503G1ZE

Shivam Suppliers

Regd. Office :
Under Shivam Guest House, Station Road, BHATIA - 361315.
Tal. Jam Kalyanpur, Dist. Devbhoomi Dwarka. (Gujarat)
Ph. + 91 98259 11000
E-mail : ssdwarka7335@gmail.com
E-mail : rajeshhgoriya@gmail.com

PURCHASE ORDER

Billing Address: **SHIVAM SUPPLIERS** C/O, Shivam Guest House, At-Bhatiya, Ta- Kalyanpur, Dis.- Devbhumi Dwarka -361320 **E-Mail: rajeshhgoriya@gmail.com** **GST No.: 24AMGPG7503G1ZE - PAN No.: AMGPG7503G**	**Shipping Address:** **SHIVAM SUPPLIERS** Air Strips Project, At Datrana Village, Tal Khambhalia, Dist D.Dwarka 361305 **E-Mail: rajeshhgoriya@gmail.com** **GST No.: 24AMGPG7503G1ZE - PAN No.: AMGPG7503G**
Vendor Details: **GADKARI INFRA SOLUTIONS** **GST No.: 24EFVPG3109E1ZK** **Add : 302, RUTANSH FLATS, NIVRUTI COLONY, ARYA KANYA VIDHYALAY ROAD, KARELIBAU(** **VADODARA-390018**	**Purchase Order No. :** SS/PO/002/24-25 **Date :** 15-Apr-2024 **Contact Person 1 :** **Contact Person 2 :** Mr. Rajeshbhai Hamirbhai Goriya 9825911000

No.	PARTICULARS	HSN	QTY(Kg)	UNIT PRICE	TOTAL PRICE
1	125 Micron Separation Membrane Transparent 5 Mtr	39211900	3000		
				Packing Charges	-

Bank Details:

Bank: State Bank Of India
A/C No. 42364353835
Branch & ISFC Code : VIP Road, KARELIBAUG & SBIN0009162

Taxable Amount :		
IGST @	18.00%	
TCS @	0.10%	-
SGST @	9.00%	
CGST @	9.00%	
Gross Amount :		
Less: Discount @ 10%		-
Net Amount :		

Terms & conditions:

1	Payment :	100% advance against Performa Invoice.
2	Delivery Time :	Immediately
3	Freight :	Prices Are exclusive Of Freight Charges. Freight Charges, at actual, will be paid extra.
4	Taxes :	PO Value is Inclusive of All Taxes & Duties.
5	Acceptance:	Please sign duplicate copies of Purchase Order as an acceptance of terms & conditions.
6	Mention of PO No.:	Mention our Purchase Order No. & site Name in your Invoice
7	Invoice:	Submit Original & Duplicate copies of Tax Invoice as per GST Rules at the time of Delivery. Applicable GST Break up to be
8	GST Credit:	Your outward supply details to be submitted to GSTN Portal in prescribed format on regular intervals. However, transactions to be uploaded to GSTN only after matching the transactions with our GST registration. Mismatch of transaction with our GST registrations, if any shall be brought to the notice of Mr. Rajeshbhai Hamirbhai Goriya on 9825911000 and Email ID-rajeshhgoriya@gmial.com before closure of respective tax periodicity. Any liability arising to us on account of non-compliance of GST shall be recovered along with interest and penalty from your current / subsequent ...
9	Insurance:	Transit Insurance, if any will be in the scope of vendor. Copy of Insurance Policy will be given with Invoice.
10	TDS:	Tax will be deducted at source as per existing laws in India.

Shivam Suppliers

Shivam Suppliers

GSTIN : 24AMGPG7503G1ZE

Regd. Office :
Under Shivam Guest House, Station Road, BHATIA - 361315.
Tal. Jam Kalyanpur, Dist. Devbhoomi Dwarka. (Gujarat)
Ph. + 91 98259 11000
E-mail : ssdwarka7335@gmail.com
E-mail : rajeshhgoriya@gmail.com

PURCHASE ORDER

Billing Address:	Shipping Address:
SHIVAM SUPPLIERS C/O, Shivam Guest House, At-Bhatiya, Ta- Kalyanpur, Dis.- Devbhumi Dwarka -361320 **E-Mail: rajeshhgoriya@gmail.com** **GST No.: 24AMGPG7503G1ZE - PAN No.: AMGPG7503G**	**SHIVAM SUPPLIERS** Air Strips Project, At Datrana Village, Tal Khambhalia, Dist D.Dwarka 361305 **E-Mail: rajeshhgoriya@gmail.com** **GST No.: 24AMGPG7503G1ZE - PAN No.: AMGPG7503G**
Vendor Details: **GADKARI INFRA SOLUTIONS** **GST No.: 24EFVPG3109E1ZK** **Add : 302, Rutansh Flats, Nivruti Colony, Arya Kanya Viddhyala Road, Karelibaug, Vadodara-390018**	**Purchase Order No. :** SS/PO/017/23-24 **Date :** 27-Feb-2024 **Contact Person 1 :** **Contact Person 2 :** Mr. Rajeshbhai Hamirbhai Goriya 9825911000

No.	PARTICULARS	HSN	QTY(MT)	UNIT PRICE	TOTAL PRICE
1	125 Micron Separation Membrane Transparent 5 Mtr	39211900	3000		
				Packing Charges	-

Vendor Bank Details:			
GADKARI INFRA SOLUTIONS Acc No. 42364353835 Branch: VIP Road, Karelibaug IFSC Code : SBIN0009162	**Taxable Amount :**		
	IGST @	18.00%	-
	TCS @	0.10%	-
	SGST @	9.00%	
	CGST @	9.00%	
	Gross Amount :		
	Less: Discount @ 10%		-
	Net Amount :		

Amount in Word:

Terms & conditions:

1	Payment :	100% advance against Performa Invoice.
2	Delivery Time :	Immediately
3	Freight :	Prices Are exclusive Of Freight Charges. Freight Charges, at actual, will be paid extra.
4	Taxes :	PO Value is Inclusive of All Taxes & Duties.
5	Acceptance:	Please sign duplicate copies of Purchase Order as an acceptance of terms & conditions.
6	Mention of PO No.:	Mention our Purchase Order No. & site Name in your Invoice
7	Invoice:	Submit Original & Duplicate copies of Tax Invoice as per GST Rules at the time of Delivery. Applicable GST Break up to be
8	GST Credit:	Your outward supply details to be submitted to GSTN Portal in prescribed format on regular intervals. However, transactions to be uploaded to GSTN only after matching the transactions with our GST registration. Mismatch of transaction with our GST registrations, if any shall be brought to the notice of Mr. Rajeshbhai Hamirbhai Goriya on 9825911000 and Email ID-rajeshhgoriya@gmial.com before closure of respective tax periodicity. Any liability arising to us on account of non-compliance of GST shall be recovered along with interest and penalty from your current / subsequent bills.
9	Insurance:	Transit Insurance, if any will be in the scope of vendor. Copy of Insurance Policy will be given with Invoice.
10	TDS:	Tax will be deducted at source as per existing laws in India.

SHIVAM SUPPLIERS BHATIYA PROPRIETOR

Shivam Suppliers

Gangamai Industries & Constructions Pvt. Ltd. (Construction Division)

Head Office
2nd Floor, Tapadia Terraces, Adalat Road,
Aurangabad - 431003
Tele : (0240) 2333933, 2323016, 2332572
Fax : (0240) 2333927, 2333335
EMail : gangamaiho@gangamai.com
bhaskar_gaikwad99@rediffmail.com

GIACL

Delivery Address
Gangamai Industries and Construction Pvt Ltd
Gut No. 132, At-pilanje, Post Aangaon,
Tq Bhiwandi-421302 (Dist.Thane)
Mobile No.9503223546,7903647057,775685938

PURCHASE ORDER

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
Karelibaug,Vadodara-390018

P.O. Number : **2324004139**
P.O. Date : 23 March 2024
P.O. Type : Capital Goods
Enquiry :
Party Reference :

Party GST Details		Party Bank Details	
Party GSTIN	: 24EFVPG3109E1ZK	**A/C No** :	**IFSC** :
Party State	: 24-Gujarat	**Bank** :	
Vendor Code	: 0006532	**Branch** :	

We are pleased to place our PO for the following items subject to conditions and provisions mentioned on the separate page attached.

Sr	Item Code	Material Description	CGST SGST	IGST CESS	Quantity Unit	Basic Rate	Disc PAF	Basic Value
1	027184	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK SIZE ; 13 MTR WIDTH X 40 MTR LENGTH	0.00% 0.00%	18.00% 0.00%	15,000.000 KG		0.00% 0.00%	
2	027185	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK SIZE ;- 7 MTR WIDTH X 40 MTR LENGTH	0.00% 0.00%	18.00% 0.00%	10,000.000 KG		0.00% 0.00%	

Recieved, Agreed & Accepted by Signature with Stamp of the Supplier

Authorised Signatory

Prepared By

Total Basic Value	
Less Discount	
Add Packing & Forwarding	
Add Freight	
Add Others (GST Chargeable)	
Taxable Amount	
Add IGST	
Add CESS	
Add Others (GST Non Chargeable)	
Add TCS @ 0.000 %	
Add Rounding Off	
Grand Total	

Our GSTIN : 27AABCG2199Q1ZY
Our State : 27-Maharashtra

In Words :

For Gangamai Industries & Constructions Pvt. Ltd. (Construction Division)

Prepared by | **Purchase Officer** | **Manager (Accounts)**

Gangamai Industries & Constructions Pvt. Ltd. (Construction Division)

Head Office
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EMail : gangamaiho@gangamai.com
bhaskar_gaikwad99@rediffmail.com

GIACL

Delivery Address
Gangamai Industries and Construction Pvt Ltd
Gut No. 132, At-pilanje, Post Aangaon,
Tq Bhiwandi-421302 (Dist.Thane)
Mobile No.9503223546,7903647057,775685938

PURCHASE ORDER

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
Karelibaug,Vadodara-390018

P.O. Number	**: 2324004139**
P.O. Date	: 23 March 2024
P.O. Type	: Capital Goods
Enquiry	:
Party Reference	:

Terms & Conditions

01)	**F.O.R.**	: Ex - Site Delivery
02)	**GST**	: Extra
03)	**Packing & Forwarding**	: Inclusive
04)	**Name of the**	: Any Suitable Transport & Transporting Charges Inclusive
05)	**Payment Terms**	: 20 To 25 Days Credit
06)	**Penalty**	: If the material is not received within the above period, penalty will be charges 2% per week maximum up to 20% of total ordered value
07)	**Delivery Address**	: Gangamai Industries and Construction Pvt Ltd Gut No. 132, At-pilanje, Post Aangaon, Tq Bhiwandi-421302 (Dist.Thane) Mobile No.9503223546,7903647057,775685938
08)	**Delivery Period**	: 12 To 15 Days
09)	**Escalation**	: The above prices are firm & final and so escalation on any account will not be allowed.
10)	**Accident**	: If any accident occurs while completing the job work, Its your responsibility.
11)	**Insurance**	:
12)	**Safety Norms**	:
13)	**Other**	:

General Terms

1) PAN/TIN Number is most compulsory on your Tax Invoice
2) a) If supply is not according to our order, goods send by you will be rejected & returned at your cost and risk.
   b) Any loss to company caused due to late supply, or non-supply from you then it will be recovered from you.
   c) Material should be supplied as per the specification, make & with quality as per order.
   d) After the stipulated period, acceptance of material is discretionary on the part of company. If material is not acceptable to company due to any reason then company reserves the right to recover the advance along with interest of 18% p.a.
3) Please send separate Tax Invoice for each Delivery Challan.
4) Please clearly mention your Vendor Code, Our Purchase Order Number & our Item Code in your delivery Challan.
5) Direct Billing from the manufacturer will be preferred.
6) Billing Address will be same as our head office address, except explicitly mentioned in purchase order.
7) Material will be accepted at our works between 9.30am to 5.30pm, Except holidays.
8) Payment will be made directly to your bank account which has been given to us & which has been reproduced in this PO. While accepting / honouring P.O. please reconfirm about correctness of your bank account details
9) Acknowledgement in token of acceptance is mandatory. If you honour the PO/WO without acceptance it will always be deemed as all terms & conditions mentioned in PO have been duly accepted by you.

ForGangamai Industries & Constructions Pvt. Ltd. (Construction Division)

Prepared by **Purchase Officer** **Manager (Accounts)**

Gangamai Industries & Constructions Limited (Construction Division)

Head Office
2nd Floor, Tapadia Terraces, Adalat Road,
Aurangabad - 431003
Tele : (0240) 2333933, 2323016, 2332572
Fax : (0240) 2333927, 2333335
EMail : gangamaiho@gangamai.com
bhaskar_gaikwad99@rediffmail.com

GIACL

Delivery Address
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Gut No. 132, At-pilanje, Post Aangaon,
Tq Bhiwandi-421302 (Dist.Thane)
Mobile No.9503223546,7903647057,775685938

PURCHASE ORDER

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
Karelibaug,Vadodara-390018

P.O. Number : **2324003408**
P.O. Date : 20 January 2024
P.O. Type : Capital Goods
Enquiry :
Party Reference :

Party GST Details

Party GSTIN : 24EFVPG3109E1ZK
Party State : 24-Gujarat
Vendor Code : 0006532

Party Bank Details

A/C No : **IFSC** :
Bank :
Branch :

We are pleased to place our PO for the following items subject to conditions and provisions mentioned on the separate page attached.

Sr	Item Code	Material Description	CGST SGST	IGST CESS	Quantity Unit	Basic Rate	Disc PAF	Basic Value
1	027184	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK WIDTH - 7 MTR	0.00% 0.00%	18.00% 0.00%	8,000.000 KG		0.00% 0.00%	
2	027185	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK WIDTH - 6 MTR	0.00% 0.00%	18.00% 0.00%	4,000.000 KG		0.00%	

Recieved, Agreed & Accepted by Signature with Stamp of the Supplier

Authorised Signatory

Prepared By

Total Basic Value	
Less Discount	₹ 0.00
Add Packing & Forwarding	₹ 0.00
Add Freight	₹ 0.00
Add Others (GST Chargeable)	₹ 0.00
Taxable Amount	
Add IGST	
Add CESS	₹ 0.00
Add Others (GST Non Chargeable)	₹ 0.00
Add TCS @ 0.000 %	₹ 0.00
Add Rounding Off	₹ 0.00
Grand Total	

Our GSTIN : 27AABCG2199Q1ZY
Our State : 27-Maharashtra

In Words :

For Gangamai Industries & Constructions Limited (Construction Division)

Prepared by **Purchase Officer** **Manager (Accounts)**

Gangamai Industries & Constructions Limited (Construction Division)

Head Office
2nd Floor, Tapadia Terraces, Adalat Road,
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bhaskar_gaikwad99@rediffmail.com

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Delivery Address
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Gut No. 132, At-pilanje, Post Aangaon,
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Mobile No.9503223546,7903647057,775685938

PURCHASE ORDER

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
Karelibaug,Vadodara-390018

P.O. Number	**: 2324003408**
P.O. Date	: 20 January 2024
P.O. Type	: Capital Goods
Enquiry	:
Party Reference	:

Terms & Conditions

01) F.O.R.	: Ex - Site Delivery
02) GST	: Extra
03) Packing & Forwarding	: Inclusive
04) Name of the	: Any Suitable Transport & Transporting Charges Inclusive
05) Payment Terms	: Against Delivery
06) Penalty	: If the material is not received within the above period, penalty will be charges 2% per week maximum up to 20% of total ordered value.
07) Delivery Address	: Gangamai Industries and Construction Ltd Gut No. 132, At-pilanje, Post Aangaon, Tq Bhiwandi-421302 (Dist.Thane) Mobile No.9503223546,7903647057,775685938
08) Delivery Period	: Immeadite
09) Escalation	: The above prices are firm & final and so escalation on any account will not be allowed.
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12) Safety Norms	:
13) Other	:

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For Gangamai Industries & Constructions Limited (Construction Division)

Prepared by **Purchase Officer** **Manager (Accounts)**

Gangamai Industries & Constructions Limited (Construction Division)

Head Office
2nd Floor, Tapadia Terraces, Adalat Road,
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bhaskar_gaikwad99@rediffmail.com

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Mobile No.9503223546,7903647057,775685938

PURCHASE ORDER

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
Karelibaug,Vadodara-390018

P.O. Number : **2324003696**
P.O. Date : 14 February 2024
P.O. Type : Capital Goods
Enquiry :
Party Reference :

Party GST Details

Party GSTIN : 24EFVPG3109E1ZK
Party State : 24-Gujarat
Vendor Code : 0006532

Party Bank Details

A/C No : **IFSC** :
Bank :
Branch :

We are pleased to place our PO for the following items subject to conditions and provisions mentioned on the separate page attached.

Sr	Item Code	Material Description	CGST SGST	IGST CESS	Quantity Unit	Basic Rate	Disc PAF	Basic Value
1	027184	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK SIZE ; 13 MTR,WIDTH X 40 MTR LENGTH	0.00% 0.00%	18.00% 0.00%	15,000.000 KG		0.00% 0.00%	
2	027185	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK SIZE ; 7 MTR WIDTH X 40 MTR LENGTH	0.00% 0.00%	18.00% 0.00%	10,000.000 KG			

Recieved, Agreed & Accepted by Signature with Stamp of the Supplier

Authorised Signatory

Prepared By

Total Basic Value	
Less Discount	₹ 0.00
Add Packing & Forwarding	₹ 0.00
Add Freight	₹ 0.00
Add Others (GST Chargeable)	₹ 0.00
Taxable Amount	
Add IGST	
Add CESS	₹ 0.00
Add Others (GST Non Chargeable)	₹ 0.00
Add TCS @ 0.000 %	₹ 0.00
Add Rounding Off	₹ 0.00
Grand Total	

Our GSTIN : 27AABCG2199Q1ZY
Our State : 27-Maharashtra

In Words :

For Gangamai Industries & Constructions Limited (Construction Division)

Prepared by **Purchase Officer** **Manager (Accounts)**

Gangamai Industries & Constructions Limited (Construction Division)

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Gut No. 132, At-pilanje, Post Aangaon,
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Mobile No.9503223546,7903647057,775685938

PURCHASE ORDER

To,
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302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
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P.O. Number	**: 2324003696**
P.O. Date	: 14 February 2024
P.O. Type	: Capital Goods
Enquiry	:
Party Reference	:

Terms & Conditions

01) F.O.R.	: Ex - Site Delivery
02) GST	: Extra
03) Packing & Forwarding	: Inclusive
04) Name of the	: Any Suitable Transport & Transporting Charges Inclusive
05) Payment Terms	: Against Delivery
06) Penalty	: If the material is not received within the above period, penalty will be charges 2% per week maximum up to 20% of total ordered value.
07) Delivery Address	: Gangamai Industries and Construction Ltd Gut No. 132, At-pilanje, Post Aangaon, Tq Bhiwandi-421302 (Dist.Thane) Mobile No.9503223546,7903647057,775685938
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12) Safety Norms	:
13) Other	:

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For Gangamai Industries & Constructions Limited (Construction Division)

Prepared by **Purchase Officer** **Manager (Accounts)**

Gangamai Industries & Constructions Limited (Construction Division)

Head Office
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Revise. **PURCHASE ORDER**

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
Karelibaug,Vadodara-390018

P.O. Number : **2324003312**
P.O. Date : 10 January 2024
P.O. Type : Capital Goods
Enquiry :
Party Reference :

Party GST Details

Party GSTIN : 24EFVPG3109E1ZK
Party State : 24-Gujarat
Vendor Code : 0006532

Party Bank Details

A/C No : **IFSC** :
Bank :
Branch :

We are pleased to place our PO for the following items subject to conditions and provisions mentioned on the separate page attached.

Sr	Item Code	Material Description	CGST SGST	IGST CESS	Quantity Unit	Basic Rate	Disc PAF	Basic Value
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2	027185	SEPERATION MEMBRANE COLOUR WHITE 125 MICRON THICK SIZE :- 6 MTR	0.00% 0.00%	18.00% 0.00%	2,000.000 KG		0.00% 0.00%	

Recieved, Agreed & Accepted by Signature with Stamp of the Supplier

Authorised Signatory

Prepared By

Total Basic Value	
Less Discount	₹ 0.00
Add Packing & Forwarding	₹ 0.00
Add Freight	₹ 0.00
Add Others (GST Chargeable)	₹ 0.00
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Add IGST	
Add CESS	₹ 0.00
Add Others (GST Non Chargeable)	₹ 0.00
Add TCS @ 0.000 %	₹ 0.00
Add Rounding Off	₹ 0.00
Grand Total	

Our GSTIN : 27AABCG2199Q1ZY
Our State : 27-Maharashtra

In Words :

For Gangamai Industries & Constructions Limited (Construction Division)

Prepared by

Purchase Officer

Manager (Accounts)

Gangamai Industries & Constructions Limited (Construction Division)

Head Office
2nd Floor, Tapadia Terraces, Adalat Road,
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Revise PURCHASE ORDER

To,
GADKARI INFRA SOLUTION
302,Ratansh Flats,Nivruti Colony,Aryakanya Vidyalay Road
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P.O. Number	**: 2324003312**
P.O. Date	: 10 January 2024
P.O. Type	: Capital Goods
Enquiry	:
Party Reference	:

Terms & Conditions

01)	**F.O.R.**	: Ex.Site Delivery
02)	**GST**	: EXTRA
03)	**Packing & Forwarding**	: INCLUSIVE
04)	**Name of the**	: Any Suitable Transport & Transporting Charges Inclusive
05)	**Payment Terms**	: Against Delivery.
06)	**Penalty**	: If the material is not received within the above period, penalty will be charges 2% per week maximum up to 20% of total ordered value.
07)	**Delivery Address**	: Gangamai Industries and Construction Ltd Gut No. 132, At-pilanje, Post Aangaon, Tq Bhiwandi-421302 (Dist.Thane) Mobile No.9503223546,7903647057,775685938
08)	**Delivery Period**	: Immeadite
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13)	**Other**	:

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For Gangamai Industries & Constructions Limited (Construction Division)

Prepared by | **Purchase Officer** | **Manager (Accounts)**

Our Valuable Customers

PWD AMRAVATI

FEEDBACK INFRA
Making Infrastructure Happen

GIACL

AIDPL
Agroh Infrastructure Developers Pvt. Ltd.

Shivam Suppliers

NHAI

NHIDCL
BUILDING INFRASTRUCTURE - BUILDING THE NATION

ZentraBond
CONSTRUCTION CHEMICALS
We Bond You With Trust

Regd. Office :
212 Regus, Sandesh Bhavan,
Near Vuda Circle, Karelibaug,
.Vadodara, Gujarat - 390018

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