



In Association with Global ITP, U.S.A.

ALFA SHIELD POLYMER PVT. LTD.



**WATER PROOFING
& CONSTRUCTION
CHEMICAL**



Who We Are

Alfashield Polymer is a dynamic enterprise established by visionary young entrepreneurs and industry experts, and emerging as a leader in the field of construction and waterproofing chemicals. This innovative company has forged a strategic alliance with the renowned USA-based entity, **GLOBAL ITP Technology**, further enhancing its global standing.

Founded on the principles of professionalism and excellence, Alfashield Polymer stands as the fastest-growing entity in its domain within Central India. Distinguished by its state-of-the-art manufacturing plant and cutting-edge laboratory facilities, **the company is committed to delivering high-quality products and services.**

One of the key differentiation of Alfashield Polymer is **its proficient research and development team**, whose extensive experience drives the continuous innovation and improvement of products. The company's world-class production facilities ensure the manufacturing of top-notch, meticulously formulated products that meet the highest industry standards.

As a professionally managed organization, Alfashield Polymer is dedicated to setting new benchmarks in the construction and waterproofing chemical industry. With a focus on quality, innovation, and customer satisfaction, the company is poised to make a lasting impact on the market and contribute to the growth and development of the construction sector in Central India and beyond.

Mission



Our mission at Alfashield Polymer is to consistently provide cutting-edge solutions in construction and waterproofing chemicals. We are committed to fostering a culture of innovation, continuous improvement, and environmental responsibility. By leveraging our expertise and state-of-the-art facilities, we aim to empower our customers with products that enhance the **durability, efficiency, and sustainability of their projects.**

Vision



Alfashield Polymer envisions becoming a globally recognized leader in the construction and waterproofing chemical industry. We aspire to be synonymous with innovation, sustainability, and excellence, setting new standards for quality and performance. Our vision extends beyond geographical boundaries, **aiming to create a positive impact on the construction sector worldwide.**

Quality Assurance



At Alfashield Polymer, **quality is not just a standard; it is a commitment.** We adhere to stringent quality control measures at every stage of our production process. Our dedication to excellence ensures that each product leaving our facilities meets or exceeds industry standards. From raw material selection to the final product, we prioritize quality to deliver solutions that stand the test of time.

Customer Satisfaction

Customer satisfaction is at the core of our business philosophy. We believe in understanding the unique needs and challenges of our customers and tailoring our products and services accordingly. Through effective communication, responsive support, and a focus on exceeding expectations, we strive to build lasting relationships with our clients. **Your success is our success**, and we are dedicated to ensuring your satisfaction with every interaction.

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WATER PROOFING LIQUID MEMBRANE

ALFASHIELD BLACK



PACKING
200 Kg, 50 Kg, 20kg,
10 kg, 5 kg. & 1 Kg

Bituminous Rubberized Elastomeric Waterproof Liquid Membrane

ALFASHIELD BLACK- A Polymer modified Bituminous elastomeric cold applied liquid waterproofing membrane, It is specifically formulated from a blend of special Rubber and Resin along with special minerals, stabilizers, gelling agent and water repelling fillers which gives a tough rubberized membrane.

FEATURES

- Single Component, Cold Applied, Non Flammable.
- Ready to use from pack with sufficient time.
- Highly Elastic Rubber like Membrane.
- Brushable hence easy to apply with superior wetting & adhesion properties
- Unique Additives added to make it durable.
- Flexible and accommodates movements in cracks.

BENEFITS

- Requires no mixing or heating, saves labour cost and application time.
- Ensures durable bond & resists peeling, chipping, hence lasts longer.
- Curing is not required.
- Tools can easily be washed with water.
- Highly Resistance to oxidation, UV & ozone.

RECOMMENDED USES:

Ideal for waterproofing Concrete roofs/polyurethane foam slabs/polyester built up roofs/Maintenance of existing roofs, masonry and concrete walls/ Bathrooms/ Basements/Podium/ Bridges/Decks/ Bituminous & Metal surfaces etc. Popularly used as a sandwich membrane in new construction and as surface treatment on existing slabs.

ALFASHIELD WHITE



PACKING
200 Kg, 50 Kg, 20kg,
10 kg, 5 kg. & 1 Kg

High Quality Elastomeric Waterproofing Membrane

ALFASHIELD WHITE - A Single component synthetic resin based waterproof coating. As it being Thixotropic and its flexibility makes it ideal for using on Vertical as well as Horizontal surfaces. Due to its white colour, it has ability to reflect the visible, infrared and Ultraviolet wavelengths of the Sun, it offers excellent UV Resistance & Solar reflectivity. Gives cooling effect due to the reflective properties an economical pollution free coating.

FEATURES & BENEFITS

- Reduces excessive load on the roof thereby increases life durability of Structure.
- Provides Seamless & joint free waterproof coating.
- Ready to use Ideal for Terrace coating as well as external walls.
- Bonds well to the most building material (old or new)
- Non Toxic & Environment friendly.
- Provides flexible, crack bridging & UV Resistant coating

RECOMMENDED USES:

Water proofing of plaza car park deck, roof slabs, terraces, balconies, sunshades, parapet walls, etc. Water proofing cum decorating of external plastered walls. Water proofing flashing, roof edgings, gully, steeply pitched designs. Most ideal for use on structures having complex geometry like domes, arches, shells, folded plates, paraboloids, corrugated sheets etc. Suitable for garden, swimming pool, basement when applied as sandwich membrane.

Alfashield White is available in the following colour shades.



ALFASHIELD ALFA PU 1K



PACKING
200 Kg, 50 Kg, 20kg,
10 kg, 5 kg. & 1 Kg

Premium Quality Hybrid Water Base PU Membrane

High Performance, Polyurethane hybrid UV stable heat reducer in nature, Ecofriendly Flexible, Water-based modified water Proofing membrane. Flexible single component liquid membrane. Based On an advanced polyurethane modified water based Polymer which is a proven solution for Weatherproofing & waterproofing applications for Use in roofing, basement, shower recesses etc.

STANDERD : ALFASHIELD PU 1K is a Class III, international waterproofing building code of practice standards.

FEATURES & BENEFITS

- Elastomeric film formed to create smooth surface.
- Excellent thermal expansion & contraction.
- Paintable without primer.
- Ready to use as plaster material
- Hydrophobic in nature acts as excellent water repellent & washable.
- Attain smooth and crack free wall, can be used as crack -filler.
- Anti-fungus & algae formation in nature, creates homogeneous mix with Emulsions.
- Excellent crack-bridging properties.
- UV stable non yellowing,

USAGES

Suitable for use on many porous substrates including Gyprock, fibre cement, concrete, render brickwork, render and plasterboard. ALFASHIELD PU 1K can be used to help water/damp proof basements, kitchens, bathrooms, balconies and decks, shower recesses, repair and restoration of leaking roofs as well as a damp proof membrane in sandwich panel construction. It is also suitable for Deck areas & can be used in planter boxes and retaining walls as long as its protected by drainage or Corflute.

▶ WATER PROOFING LIQUID MEMBRANE

ALFASHIELD MR. BLACK



PACKING

200 Kg, 50 Kg 20kg,
10 kg, 5 kg. & 1 Kg

High Tensile Rubberized Elastomeric Waterproof Liquid Membrane

Mr. BLACK It is a scientific blend of synthetic resin, selected minerals and fillers. Mr. BLACK is protective and waterproof coating with very high tensile strength. It is a high performance coating that dries to elastic, flexible, impermeable waterproof membrane.

USAGES

Mr. BLACK is an Ideal waterproofing system for concrete roofs, polyurethane foam slabs, and polyester built up roofs, maintenance of existing roofs, masonry and concrete walls, Bridges, Basement, Podium slabs, Green Areas, Planter boxes. Bathroom, decks, metal surfaces etc. It can be used as a sandwich membrane in new construction and as surface treatment on existing slabs,

OUTSTANDING FEATURE

- Single Component, Cold Applied and Highly Elastic Rubber like Membrane.
- Superior wetting & adhesion properties.
- Unique Additives added to make it durable.
- Adapts itself over the irregular deck contours.
- Elongation properties more than >600%

BENEFITS

- Requires no mixing or heating, saves labour cost and application time.
- Ensures durable bond & resists peeling, chipping, hence lasts longer.
- Highly Resistance to oxidation, UV & ozone.

ALFASHIELD WALL GUARD



PACKING

200 Kg, 50 Kg 20kg,
10 kg, 5 kg. & 1 Kg

Exterior & Interior Wall Elastomeric Coating

ALFASHIELD WALL GUARD is a blend of special acrylic polymer, light fast & weather durable pigments & additives. It has excellent flexibility and thixotropic nature. it is recommended to be applied on all Exterior & Interior surfaces for waterproofing & protective coating. Due to its white Colour, it has excellent solar insulation capacity.

FEATURES

- Eco-friendly and easy to apply
- Weather & UV resistance.
- Excellent adhesion & waterproofing properties
- Being white, reflect sun rays and keep concrete cool.
- Elastic in nature and covers hairline cracks.
- Coating film will not yellow or darken with time.
- Flexible coating & Crack bridging.
- Algae & Fungus resistant.

BENEFITS

- Impermeable to wind driven rain and thus waterproofs.
- It is suitable for interior and exterior Decorative coating.
- Decorative with low dirt pick up.
- Application on asbestos sheets
- Excellent Adhesion to a wide variety of substrates.
- Waterproofing cum decorating of external plastered walls.

Alfashield White is available in the colour shades:



ALFA HEATGUARD



PACKING

200 Kg, 50 Kg 20kg,
10 kg, 5 kg. & 1 Kg

Heat Insulating Elastomeric Exterior Coating

ALFA HEAT GUARD is a single component heat reducing elastomeric acrylic coating composed of acrylic resin, ceramic hollow micro sphere, pigments, reinforced fillers and additives. It is used as a waterproofing and heat reflective coating on roofs and exterior walls resulting in substantial reduction in power consumption, due to its good SRI value.

FEATURES

- Excellent UV and IR resistance-Enhance environmental protection.
- Algae and fungus resistance-long lasting film properties
- Substrate temperature reduction up to 10°C in the peak summer.
- Protective and waterproofing-keeps the concrete slabs surface temperature lower hence reduction in thermal stresses and subsequent development cracks.
- High solar reflectance index (SRI) indicates high degree of cooling effect.

BENEFITS

- Ensures durable bond & resists peeling, chipping, hence lasts longer.
- Highly Resistance to oxidation, UV & ozone.
- Provide insulation or cooling effect.
- Eliminates costly forms of other roofing system.
- Withstands expansion/contraction & deck movements, Resists Crack.

AREA OF APPLICATION

- Roof & Terrace, Basements, Walking Desk and balconies, Stair ways & pool area, Asbestos roofs.
- Aluminum Sheet roofs, wooden roofs, Commercial buildings, Shades & warehouses, Mobile modular homes.
- Weather resistant membrane, Corrosion under insulation(CUI), Air conditioned building, Refrigerated cold storage facilities, Green buildings.

▶ WATER PROOFING PRIMER

ALFASHIELD PREMIUM PRIMER



PACKING

200 Lt, 50 Lt, 20 Lt,
10 Lt, 5 Lt, 1 Lt

Interior & Exterior Acrylic Wall Primer

ALFASHIELD PREMIUM PRIMER Water Thin-able Cement wall seal is high quality acrylic emulsion based primer suitable for application of interior and exterior, plastered surfaces, concrete, asbestos etc.' It is quick drying, has fast re-coating time and gives smooth finish too. 3 in 1 Benefit like Stabilizing Wall, waterproofing and more coverage.

AREA OF APPLICATION

Ideal for priming interior and exterior surfaces.

FEATURES AND BENEFITS

- Wall seal for masonry top coat (like distemper, emulsion, luster, and matt wall finishes)
- Provides excellent opacity and has particularly economical consumption.
- Stabilizing Wall & Seal Microporous.
- Good binding and sets fast.
- Used as a primer on internal and exterior surfaces.
- Good resistance to wall alkalinity, moisture, and fungus

ALFA WALL-TOUCH PRIMER



PACKING

200 Kg, 50 Kg 20kg,
10 kg, 5 kg. & 1 Kg

Interior & Exterior primer for painting of water-based wall finishes

ALFASHIELD WALL TOUCH PRIMER Water Thin-able Cement wall seal is acrylic emulsion based primer suitable for application of interior and exterior, plastered surfaces, concrete, asbestos etc.' It is quick drying, has fast re-coating time and gives smooth finish too. 3 in 1 Benefit like Stabilizing Wall, waterproofing and more coverage.

AREA OF APPLICATION

Area of Application: Ideal for priming interior and exterior surfaces.

FEATURES AND BENEFITS

- Wall seal for masonry top coat like distemper, emulsion, luster and matt wall finishes.
- Stabilizing Wall & Seal Microporous.
- Good binding and sets fast.
- Used as a primer on internal and exterior surfaces.
- Good resistance to wall alkalinity, moisture, and fungus.

ALFASHIELD -DI PRIME



PACKING

200 Kg, 50 Kg 20kg,
10 kg, 5 kg. & 1 Kg

Deep Impregnating Primer

ALFASHIELD-DI PRIME is a styrene acrylic modified product, which has deep impregnating action on porous substrates. On application it gives a clear film over the substrate thereby binding all loose particles.

AREA OF APPLICATION

- Can be used as a primer coat under all waterproof coatings system.
- Can be used as a sealer to seal porous substrates like concrete, sand stone etc.

FEATURES AND BENEFITS

ALFASHIELD-DI PRIME having a deep impregnating action, gives bonding from within the surface hence the result for topcoats are very good. It also helps seal all the dust particles on the surface, which again results in better bonding between surface and topcoats.

▶ WATER PROOFING POLYMER & SBR

ALFASHIELD FLEXO 200



PACKING

30 kg = 10kg (L)+20kg (P)

15 kg = 5 kg (L)+10kg (P)

03 kg = 1 kg (L)+2 kg (P)

High Quality Polymer Modified Flexible Cementitious Coating

ALFASHIELD FLEXO 200 is a two component highly flexible waterproofing system. The dried system provides excellent adhesion, waterproofing properties, crack bridging, elongation, flexibility apart from UV stable coating. Hence the coating can be exposed to conditions.

FEATURES AND BENEFITS

- Easy to use: Easy to apply by brush, roller or squeegee
- Constant quality: No site additions ensure uniform performance.
- Durability: Highly durable and UV tolerant
- Adhesion: Excellent bond strength to porous and non-porous concrete surfaces.
- Flexibility: The part B component is a specially blended copolymer of acrylic latex which improves adhesion, flexibility and waterproofing characteristics.
- Anti-carbonation: A membrane of 1.5 to 2mm provides an excellent shield against the penetration of carbon dioxide and chloride ions.
- Waterproofing, Vapour Permeability: Excellent resistance to ingress of water.

APPLICATION / USES:

- Basements, Raft, Retaining Walls, Roof slabs, such as parking decks, roof decks
- Podium slabs, Green Areas, Planter boxes
- Waterproofing under terrazzo or tile floors, shower-pan, kitchen, laundry and bathroom floors.

ALFASHIELD-2K



PACKING

30 kg = 10kg (L)+20kg (P)

15 kg = 5 kg (L)+10kg (P)

03 kg = 1 kg (L)+2 kg (P)

Two Component Cementitious Waterproof Solution

ALFASHIELD 2K is highly flexible acrylic polymer modified cementitious waterproofing & protective coating made up from the best quality Portland cement, properly selected & graded aggregates Fibers, Additives & Acrylic emulsion polymer as a binder. Ideal for sealing and coating wet areas, ledges and variety of project.

FEATURES & BENEFITS

- Easy to apply by brush, roller & spray machine
- Provides seamless and joint less waterproofing.
- Highly durable, UV tolerant & Flexibility
- Excellent bond strength to porous and non porous concrete surfaces.
- Non-toxic, suitable for drinking water & water tanks
- Excellent resistance to ingress of water & thermal shocks.

AREA OF APPLICATION

- Basements, Raft, Retaining Wall Roof slabs, Such as parking decks, roof decks, Podium slabs, Green Areas, Planter boxes
- Waterproofing under terrazzo or tile floors shower- pan, kitchen, laundry and Bathroom floors.
- Swimming Pools, Water Tanks

ALFA CRETE PRIME +



PACKING

200 Kg, 50 Kg, 20kg, 10 kg, 5 kg. & 1 Kg

Premium Quality Acrylic Polymers

ALFA CRETE PRIME+ is an aqueous dispersion of one part Acrylic based polymer along with liquid additives specifically designed for modified Portland cement compositions. It has superior adhesion to old and new concrete, masonry brick work and other surfaces. Can be used as waterproof membrane for Roofs, Balconies, Terraces etc. Bonds excellently to most building materials thus becoming a part of concrete repair and accommodates limited crack movement.

FEATURES

- Improves bond strength and durable Polymer based waterproofing.
- Reduces cracking through and increase mortar flexural strength.
- Creates strong bond between old and new concrete.
- It is Non-toxic hence environment & user friendly.
- Easily brushable, cost effective & economical.

USAGES

- For Roof, Basement inside & outside, Swimming pool, old & new concrete bonding, Bathroom, kitchen, paint, putty & exterior walls.
- Repairs to Pre cast structural members.
- Toppings, Patch repair and levelling course.
- Due to low permeability can be used for Waterproof sealing and tank linings.



WATER PROOFING POLYMER & SBR

ALFA CRETE



PACKING
200 Kg, 50 Kg 20kg, 10
kg, 5 kg. & 1 Kg

Acrylic Admixture For Waterproofing

ALFACRATE is acrylic emulsion based as a cement modifier, a single component liquid Acrylic Polymer blended with plasticisers and selected fillers for waterproof coating. When it is used with combinations with standard quality of ordinary Portland cement, it improves the tensile and flexural strength and mechanical properties such as adhesion properties of the mortar. It improves the thin section fragility of cement when used as coating.

FEATURES

- ALFA CRETE gets easily mixed with cement and cures hard for tough weather resistant surface.
- Allows trapped vapours to escape thus preventing peeling and blister formation.
- Bonds strongly to most of the building material.
- Creates compact coating to prevent salt penetration into concrete surface & masonry walls
- Unaffected by ultraviolet light and prevent decolourisation of concrete.
- No-VOC – therefore can be safely used for green building construction.

USAGES:

- Waterproofing of building terraces, toilets, sunken portion, basement, Swimming pool etc.
- Repairing of concrete, masonry walls -inside -outside, terrace, roofs etc.
- Can be used as additive with cement paints which improves waterproofing property.
- Protection of concrete against corrosion and efflorescence.

ALFA Mr. CRETE



PACKING
200 Kg, 50 Kg, 20kg,
10 kg, 5 kg. & 1 Kg

Acrylic Polymers for waterproofing & bonding

ALFA Mr. CRETE is acrylic emulsion based as a cement modifier, a single component liquid Acrylic Polymer blended with plasticisers and selected fillers for waterproof coating. When it is used with combinations with standard quality of ordinary Portland cement, it improves the tensile and flexural strength and mechanical properties such as adhesion properties of the mortar. It improves the thin section fragility of cement when used as coating.

FEATURES

- Polymer in conjunction with cement provides properties to combat the shortcomings of cement particularly its poor adhesion properties, low impact strength, low flexural strength.
- Combines a tough, hard-wearing surface with waterproofing.
- Improves adhesion, flexibility and waterproofing characteristics.
- Allows trapped vapours to escape thus preventing peeling and blister formation
- Excellent bond strength to porous and non porous concrete surfaces.
- Reduces or prevents salt penetration into concrete
- No-VOC – therefore can be safely used for green building construction

USAGES

- Application usage: Concrete Roof, Basement inside & outside, Swimming pool, asbestos sheets, old & new concrete bonding, Bathroom, kitchen, paint, putty & exterior walls
- Mixing Ratio For waterproof coating 1:2 (chemical: cement)
- For bonding coat 1:1 (chemicals: cement)
- For repairing mortar 2.5:15 (chemicals : cement: washed sand)
- For cement paints 3-4 lt. / 50 kg bag of cement.

ALFASHIELD SBR-30/50



PACKING
200 Kg, 50 Kg 20kg, 10
kg, 5 kg. & 1 Kg

SBR Latex Based Bonding Admixture

ALFASHIELD SBR-30/ Super SBR-50 Latex based for waterproofing ,bonding and repair agent Styrene Butadiene Rubber emulsion specially designed as bonding agent. formulated as an integral It is suitable as an admixture for obtaining waterproof concrete ,plaster and mortar .It is suitable for preparation of repair mortar for damaged and spoiled concrete and repairing of large cracks. When dry the finished mortars/concrete show a vastly improved resistance to water.

FEATURES

- High bonding strength.
- Increases mortar flexural & tensile strength
- Prevents leakage and dampness by reducing the permeability of mortar.
- Improves mechanical strength of mortar.
- Improves surface hardening.

BENEFITS

- Can be used as on waterproofing, sealing & lining of tanks
- Durable & Prevents concrete decay
- Increases overall structural durability
- Excellent adhesion to most building substrates.
- Reduces cracking, limits wear & ideal for rubber wheeled traffic

USAGES

For general reconstruction work and latex modified overlays For enabling strong & non permeable joints between old and new concrete when mixed with mortar. For fixing tiles, floor screeds and mosaic tiling as coating for preventing corrosion in rebars For repairing of cracks & sealing of porous surface and latex modified overlays. Useful where improvements in physical properties of Portland cement systems are required. It's very useful for Sunken portion.



WATER REPLENTS

ALFA PU ULTRA



PACKING
20kg, 10 kg, 5 kg, 1Kg.

PU Clear Coat

ALFA PU ULTRA is an anionic type waterborne polyurethane dispersion offering excellent gloss and hardness, transparent UV PU that provides resistance to weathering, foot traffic and offers UV and weathering properties. Typical applications include a clear UV PU for china mosaic tiles and glass mosaic tiles.

FEATURES AND BENEFITS

- Excellent adhesion to glazed, ceramic surfaces and china mosaic
- Crack bridging ability
- Good abrasion resistance and resistance to weathering and UV
- Provides glossy finish to china mosaic
- Clear Transparent coating
- Elastic
- Easy to apply
- Resistance to foot traffic
- Offers waterproofing properties

APPLICATION / USES:

- It is an excellent water proofer for terraces, roofs, parapets walls, chajjas, exterior and interior walls of buildings etc.
- Water proofing of tiles like mosaic, dholpur, and marble, chips tiles where the aesthetic color value retention is of prime importance.
- For chemicals resistance of molasses tanks, storage of mild acids, alkaline in factories or processing houses.

ALFASHIELD CLEAR COAT



PACKING
20 Lt, 10 Lt, 5 Lt, 1 Lt

Lamination Coat

ALFASHIELD CLEAR COAT is an elastic, transparent acrylic UV TPR that provides resistance to weathering, foot traffic and offers UV and weathering properties. Typical applications include a clear acrylic UV TPR for china mosaic tiles and glass mosaic tiles.

FEATURES

- Excellent adhesion to glazed, ceramic surfaces and china mosaic
- Crack bridging ability
- Good abrasion resistance and resistance to weathering and UV
- Provides glossy finish to china mosaic
- Clear Transparent coating
- Copper conductive coating
- Resistance to foot traffic
- Offers waterproofing properties

USAGES

For waterproofing of China mosaic and Glass mosaic, Lamination coating, for glossy coating on elevation stone.

ALFASHIELD S-100



PACKING
20 Lt, 10 Lt, 5 Lt, 1 Lt

Solvent Base Water Repellent

ALFASHIELD S-100 is composed of fluorocarbon resin in combination with Silanes / polysiloxane dispersed in high boiling point solvent. It is used for waterproofing of concrete & cementitious vertical walls of building because it penetrates deeply into the substrate & provides an effective water repellent protective coating. It does not change the appearance of the substrate & the water repellent coating is UV resistant and durable.

FEATURES

- Retains the substrate's original appearance.
- Highly water repellent
- Allows the walls to breathe.
- Increase life expectancy of the building.
- Prevents efflorescence.
- Highly penetrating
- prevents moss growth (green discoloration)
- Less sensitivity to freeze thaw cycles.

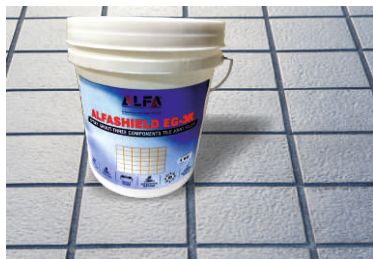
USAGES

- Cement painted surfaces.
- Concrete, mortar, brick surfaces.
- Natural and artificial stones.
- Mangalore tiles roofs.
- Corrugated AC sheets roofing etc.
- Marble, travertine, terrazzo, granite and kota coverings

ALFASHIELD S-100 Being inflammable, it should be stored in a cool dry place away from heat and naked flames. Working areas should be ventilated. Smoking should not be permitted during application. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

EPOXY GROUT & COATING

ALFASHIELD EG-3K



PACKING
1 Kg & 5 Kg

Three Component Epoxy Tile Joint Filler

ALFASHIELD EG-3K is premium performance three component epoxy resin based grout for permanent bedding and grouting of all types of tiles, natural stones and agglomerates. Suitable for both floors and walls up to tile width 2 mm to 12 mm.

FEATURES AND BENEFITS

- High Strength • Chemical Resistance • Excellent Adhesion • Stain & Bacterial Resistance • Non-Shrink
- Best Working Time • Non-Yellowing

APPLICATION / USES:

ALFASHIELD EG-3K is specially designed for all floor/Stone tiles in administration buildings, hotels, schools, toilets, sewage plants, sewers, cattle stabling and for stairs exposed to de-icing salt. For laying and grouting of ceramic tiles in swimming pools, hot springs, baths in hospitals as well as for ceramic tiles in shower facilities or wellness areas.

Alfashield EG-3k is available in the following colour shades.



ALFA EP-300



PACKING
**1.5 Kg , 15 Kg
& 30 Kg**

100% Solvent Free Epoxy Primer

It is a 100% reactive system and solvent free, two-component epoxy system consisting of an epoxy resin and amine type hardener. It is designed as a moisture insensitive adhesive and binder for numerous application needs and available in low viscosity and high modulus.

FEATURES AND BENEFITS

- High compressive and tensile strength
- Highly resistant to aggressive chemicals
- Corrosion and abrasion resistant
- Can withstand operating temperature from -30°C to 100°C (dry heat)
- Universal adhesive for bonding together concrete, wood, ceramic and steel materials
- Bond fresh concrete topping to hardened concrete slab waterproof.
- Supplied pre-weighed quantities.
- May be extended with sand or aggregate for thick applications and mortar repairs.
- Sealing porous concrete • Coating and Priming • Binder in epoxy mortars • General Adhesive
- Crack Injection • Anchoring • Joint repair material

ALFA EPC-FG



PACKING
6.5 Kg

High Build Solvent Free Epoxy Flooring System & Potable Water Tank Coating

ALFA EPC-FG is a two component, solvent-free, epoxy resin self smoothing chemical resistant, Food grade flooring system. It has excellent adhesion qualities, chemical resistant and glossy finish and easily cleaned.

FEATURES AND BENEFITS

- Excellent wear under heavy traffic
- High flow characteristics combined with an attractive self smoothing finish.
- Fast application – minimizes downtime.
- Chemically resistant – good resistance to a widerange of chemicals.
- Durable and good impact resistance.
- Hygienic & Food grade coating-provides a dense, impervious, seamless floor surface which is easily cleaned.
- Attractive – available in a wide range of colors to enhance the working environment.
- Solvent free, low odor and safe application.

APPLICATION / USES

ALFA EPC-FG is designed for use in wide range of industrial Hygienic environments & Potable water tanks & Pipes. It provides a dense, impervious, colored and chemically resistant floor & wall surface which is hygienic and easy to clean. Typical applications include:

- Heavy duty concrete floor coating in industrial and commercial plants such as warehouses, service stations, chemical plants, metal treatment plants, internal car parking decks.
- Heavy duty concrete horizontal & vertical coating in industries such as Pharma, Food processing, Water treatment plants, Potable water storage tanks, Potable water pipelines, Biotechnology etc.

Alfashield EPC-FG is available in the colour shades.



▶ EPOXY GROUT & COATING

ALFA EBA



PACKING
1.5 Kg , 15 Kg
& 30 Kg

Epoxy Bonding Agent.

ALFA EBA is a two-component epoxy-bonding agent specially designed for old to new concrete

FEATURES AND BENEFITS

- Pre-packaged systems to ensure correct mixing.
- Excellent bonding properties of new concrete to old concrete, steel, brickwork and most other substrates common to construction.
- Takes up and transfers tensile and compressive loads.
- High resistance to water and alkalis.
- Correctly designed pot life permits efficient
- Ease of application by brush or roller.

APPLICATION / USES

- Structural bonding of new concrete or hydraulic mortar to old concrete, brickwork, masonry, natural and synthetic stone, glazed brick, tiles, steel and aluminum
- On-site concrete extensions and modifications to existing concrete structures.
- Joint less bonding of construction joints in sewage systems, canals, gullies, reservoirs, basins, irrigation systems.
- Closing off shrinkage joints in ceilings, floors, decks, ramps, walls, retaining walls and concrete pavements.
- Structural bonding of cement toppings and screeds.

ALFASHIELD EIG



PACKING
5 Kg , 10 Kg

High Strength Low viscous Epoxy Injection Grout

ALFA EIG is two-part, solvent-free, Low viscosity epoxy resin system is mixed in the proportions supplied to form a strong permanent bond and seal in cracks in concrete and masonry. This product is designed to be injected into cracks using suitable resin injection equipment

FEATURES AND BENEFITS

- Low viscosity allows penetration into the finest cracks
- Formulated for hot climates
- Suitable for structural repairs
- Excellent bond to concrete, brick and masonry
- Minimum creep under sustained load
- Resistant to wide range of chemicals
- Non-shrink, adheres with no loss of bond

APPLICATION / USES

Recommended: ALFA EIG is designed to seal and bond cracks in concrete and masonry. Crack widths of between 0.1 mm and 9 mm can be treated.

ALFA CTE 100



PACKING
20 Kg , 200 Kg

Coal tar based high performance epoxy coating

ALFA CTE 100 provides protection to concrete and metal structures against corrosion from aggressive environments. Suitable for tanks above ground or in totally submerged conditions such as pipelinings. Particularly useful in sewage works, effluent plants and dock and harbour installations.

Thixotropic pitch extended epoxy amine adduct formulation containing reinforcing inert fillers and special blend of solvents. The product is supplied as a two-component system comprising a special blend of and epoxy resins and a separate low viscosity amine hardener.

FEATURES AND BENEFITS

- High film build in single application
- Easily applied by brush or spray
- Provides long term corrosion protection
- No priming necessary in most cases
- Chemical and abrasion resistant
- Economic and versatile product.

APPLICATION / USES

It is used in protecting indoor and outdoor surfaces at waste water, outdoor surfaces at clean water facilities, all kind of underground facilities such as canal, foundation and pipeline.



SEALANT

ALFASHIELD PU-40



PACKING
Net. Wet.
600ml Sausage

One Component Polyurethane sealant

ALFASHIELD PU-40 is a single component pigmented high performance, medium- modulus polyurethane sealant. It is light and UV stable characterized by high elasticity that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction material such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.

FEATURES:

ALFASHIELD PU-40 Possesses permanent elasticity, Paintable, No sagging - Thixotropic, Can be applied with hand gun and tooled easily, No surface tackiness after full cure, Does not pick up dirt, Ideal for expansion joints in building, No shrinkage, Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low emitting products" of SCAQMD rule 1168.

USAGES

ALFASHIELD PU -40 is used for bonding various construction materials and as a sealing joint.

- Joints around windows • Skirting boards • Walls and ceilings • Door frames • External and internal crack filling
- Saw cut joints in concrete roads and factory floors.

COLOUR: Grey, White & Black



ALFASHIELD P-100



PACKING
1kg, 4 kg & 6.5 kg
Container.

Polysulphide Sealant- Gun Grade & Pour Grade

It is a high performance, non-sag / self-leveling, chemical resistant elastomeric joint system.

Due to its high polysulfide polymer content, it is resistant to many chemicals, shrinkage, aging, thermal stress and the effects of outdoor exposure. It is highly resilient and has excellent recovery characteristic after extended period of compression or elongation.

Standard Specification:

FEATURES :

- Excellent adhesion with most common construction materials • Resistant to UV and weathering in exposed conditions • High movement accommodation • Good chemical resistance • From a tough, elastic, rubber like seal • Flame and fuel resistant • Flexible, tear resistant, rubbery, self-levelling.

USAGES:

Expansion joints in industrial, commercial or residential buildings. Joints in concrete roads, bridges, subways, flyovers & airport runway. Joints between concrete pipe lines Horizontal

MIXING: The two components are mixed in the ratio Comp A : Comp B (92 : 8 by weight).

ALFASHIELD-ACF-100



PACKING
500 Gm, 1kg

Acrylic Based Crack Filler

ALFASHIELD ACF-100 is a single component, composed of high quality weather durable acrylic emulsion polymer based crack filler. Ready to use flexible putty for filling the cracks in plastered surfaces because it has highly bonding, ease of application, water resistance, aesthetic appearance & durability.

Areas of Application: Internal & external plastered brick masonry wall cracks of up to 5mm width.

FEATURES % BENEFITS

Ease of application	Easy to apply by putty knife similar to conventional putties
Flexibility	Flexible, therefore does not crack & accommodates minor movements in cracks.
Paint ability	Over coat able by any type of polymer based paints, after 24 hours.
Tinting ability	It can be tinted using water-based stainers.
Bonding	Excellent adhesion with cementitious surface
Durability	Excellent resistance to UV & atmospheric conditions.
VOC	low VOC Complaint and eco-friendly.
Toxicity	Non toxic & safe on hands

▶ ADMIXTURE & OTHER PRODUCT

ALFASHIELD ALW-100, ALW-200



PACKING:
200 kg, 50 kg, 20kg, 10 kg, 5 kg, 1Kg.

Integral Waterproofing

ALFASHIELD ALW-100, ALW-200 is an integral waterproofing admixture for cement mortar, plaster & concrete which chemically converts the water-soluble compounds present in concrete / mortar into stable water insoluble compounds. It has good plasticizing properties, makes concrete cohesive and prevents segregation. It is used for all types of concrete / mortar requiring water impermeability.

FEATURES

- Makes concrete impermeable, thereby resisting frost and preventing efflorescence.
- Improves plasticity of concrete and mortar, hence easy processing and preventing segregation.
- Easily soluble in water with a homogenous mix.
- Performs multiple roles of water reducer as well as waterproofer
- Improves workability without increased water content (Saves up to 10 % - 15 % water)
- Reduced shrinkage, better finish
- Acts to disrupt the leakage causing capillary structures formed in concrete to cause leakages
- No added chloride thus not contributing to corrosion of steel.

DOSAGE :

- **Alfashield ALW-100** : 100ml per 50kg bag of cement
- **Alfashield ALW-200** : 200ml per 50kg bag of cement

ALFASHIELD ACC NO.3



PACKING
200 kg, 50 kg, 20kg, 10 kg, 5 kg, 1Kg.

Quick Setting and Hardening Admixture

ALFASHIELD ACC NO. 3 is highly versatile free flowing colorless concrete additive in liquid form. It is used as quick setting cum accelerating admixture for concrete and plaster.

USES:

ALFASHIELD ACC NO. 3 is used in underground basement, tunnels, emergency repair and stop huge ingress of water through structures, such as swimming pool, water treatment plant, reservoir etc. ALFASHIELD ACC NO. 3 is also used for execution of underground waterproofing work which restricts the water ingress for final waterproofing treatment.

FEATURES:

- Easy to use versatile concrete additives.
- Very useful product for pre-cast industries.
- Very useful emergency repair in factory.
- Highly useful for stoppage of water ingress through underground structures.
- Most useful in cold weather concreting, particularly when temperature reaches below zero degree.
- Very useful for early stripping of shutters.
- Useful for sealing joints in masonry, cracks/joints in tunnels etc.
- For underground waterproofing work ALFASHIELD ACC NO. 3 plays a very vital role.

APPLICATION:

ALFASHIELD ACC NO. 3 is diluted with water as recommended in the technical information. Before adding the diluted ALFASHIELD ACC NO. 3, sand and cement is to be mixed thoroughly in dry condition and then the ALFASHIELD ACC NO. 3 solution is added and mixed thoroughly and quickly so as to avoid stiffening during mixing. For stopping minor leakages and dampness only cement and ALFASHIELD ACC NO. 3 solution are mixed thoroughly to prepare consistency and applied on the surface immediately.

ALFASHIELD T-KLEAN



PACKING
5 kg, 1Kg.

Heavy Duty Tile & Floor Cleaner

ALFASHIELD T-KLEAN is a high quality rapid active cleaner and decreasing solutions for use on tiles, bath tubs, wash basin, privy basin and concrete etc. Whitish spot/layer as normally observed in the bathroom under plastic/metal bucket(normal detergent is not helpful) can be removed with ease, rapid removal of white yellowish spot/ layer along with water stains over tiles, cement stains, grime oil, paint stains, grease, moss and wax from concrete, asbestos, terrazzo and ceramics.

FEATURES & BENIFITS: • Does not damage joints between ceramics tiles, even those grouted with colored products • Remove stains easily • Decrease the tiles surfaces easily for soaps, scum, efflorescence, mineral deposit. • Cleans for ceramic, porcelain & vitrified tile & Grout • Does not affect glaze of tiles.

AREA OF APPLICATION: • Cleaning of surface of floors in kitchen, bathroom, garages, factories, and general building sites etc. where efficient cleaning required. • An ideal material for cleaning the surface before application of epoxy product. • Cleaning for decreasing tile in bathroom, toilet, wash basin etc. • Can be used for routing tile cleaning with mop in bathroom & floors.

PRECAUTION & LIMITATIONS: • It is advisable to use clinical gloves while using ALFASHIELD T-KLEAN as some people with sensitive skin may experience mild itching or irritation. • Check ALFASHIELD T-KLEAN before using for cleaning of colored concrete, granite, marble stone flooring with corner test because it may etch the surface. (If stone shows discoloration up to 24 hrs. after application, do not use product).

HOW TO USE & DILUTION: For Cleaning of mild blemish spots/layers, dilute ALFASHIELD T-KLEAN liquid 1 : 1 proportion with water. For regular cleaning, add one capful to half bucket water. Using a clean cloth, apply on the surface & brush after 7 minutes.

OTHER PRODUCT

ALFA INJECT PU-27



PACKING
5 Kg & 10 Kg

Hydrophobic Polyurethane Injection Grout

ALFA INJECT PU-27 is a single component very low viscous, solvent-free, hydrophobic grout based on polyurethane. In contact with water, in a uniform, closed environment forms a foam and makes the pores watertight. Foam so generated is elastic and flexible. Reaction with water yields a flexible polyurethane foam. Can be injected with a one- component pump. The reacted material does not shrink or swell. Depending on the pressure of Injection, ALFA INJECT PU-27 reacts to a very dense material or foam.

FEATURES AND BENEFITS

No reaction takes place unless it is in direct contact with water. The free foaming expansion in contact with water is up to 27 times. The reaction speed (foam formation) is anywhere between 15-20seconds based on the temperatures of the mixed material, the structure and the contact water, plus the hydrodynamic conditions.

APPLICATION / USES:

Recommended : uses ALFA INJECT PU-27 is used for permanent watertight sealing with some flexibility to absorb limited movement, in dry, damp or water-bearing cracks and joints in concrete, brickwork and natural stone.

METASHIELD-100



PACKING
20kg, 10 kg, 5 kg, 1Kg.

Water Base Metal Primer

ALFA METASHIELD-100 Primer is a superior rust-proofing coating for iron and steel when used prior to the application of paints. This primer offers good hiding power and is recommended for interior and exterior use to seal metal surfaces and provide good adhesion for final coats. For maximum durability, use one coat of Metashield Primer. Anti-corrosive Meta Seal Primer available in four shades.

FEATURES AND BENEFITS

- Anti-Corrosive
- Water Base Easy to apply
- Thinner oil not required
- Eco Friendly
- High Bonding strength on metal Surface for paint

AREA OF APPLICATION : For all types of metal surfaces.

Metashield-100 is available in the following colour shades.



ALFA PLASTOSEAL



PACKING
20 kg , 10 kg & 5 kg

Premium Quality Elastomeric Paintable Plaster/Putty

ALFA PLASTOSEAL an Elastomeric Paintable Plaster is a blend of minerals, plasticizers, acrylic polymers, weather durable pigments & additives which has excellent flexibility and thixotropic nature recommended for both interior & exterior with solar insulation capacity to be used as a Plaster cum Putty.

FEATURES & BENEFITS

- Elastomeric film formed to create smooth surface.
- Excellent thermal expansion & contraction .
- Paintable without primer.
- Ready to use as plaster material
- Hydrophobic in nature acts as excellent water repellent & washable.
- Attain smooth and crack free wall, can be used as crack -filler.
- Anti-fungus & algae formation in nature, creates homogeneous mix with Emulsions.

AREAS OF APPLICATION

- Fine / Coarse Sand Plaster
- Fiber Cement & Cement Particle boards, Cement Panels
- Gypsum & Calcium Silicate Boards
- P.O.P. / Pre-painted Surface
- Pre-Cast & Mivon Constructions
- AAC Bricks and Plastering
- Punning on AAC and Concrete Blocks

PRODUCT RANGE



ALFA SHIELD



In Association with Global ITP, U.S.A.

ALFASHIELD POLYMER PVT. LTD.

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