



Zahabiya

Construction Products

An Overview



Human Friendly & Environmentally Acceptable Products

ABOUT US....



Zahabiya Chemical Industries is acknowledged worldwide as the renowned Manufacturer & Exporter of Construction, HVACR, Engineering, Automobile & Packaging related Adhesives, Sealants, Water Proofing & Weather Protective Coatings and Compounds, fulfilling 21st century's International Standards of Non-Toxic and Non-Hazardous "**Human Friendly/ Environmentally Acceptable**" Products.

The wide range of time-tested products offered are backed with the professional experience since 1972, specifically manufactured under the strict quality management system of **ISO 9001:2008** to give best quality products to its customers. Zahabiya, being purely Pakistani in origin and the pioneer in its field in Pakistan, is continuously providing cost effective quality products and solutions to its esteemed customers throughout Pakistan as well as abroad in various fields including Civil Construction related applications.

With continuous R&D and adaption to new emerging technologies, Zahabiya has always tried to indigenously develop the products which are least detrimental to the environment. Due to good market acceptability, brand recognition and economical prices, Zahabiya has been awarded "**Brands of the Year Award**" for successive four years (2009 to 2012) under Specialty and Construction Chemicals. It is also the proud winner of "**Export Brands of the Year Award 2013**" in this field which testifies its products "Quality, Reliability & Market Acceptance". Zahabiya is also registered with E-n-C's Branch, Military Engineering Services, Pakistan Armed Forces for its Construction & HVAC related products.

We are proud to state that Zahabiya is the only purely Pakistan based industry who is manufacturing such a wide range of construction chemicals in Pakistan which covers from plinth/ foundation level construction up to the finishing stages including HVAC sealants & coatings.

-----RANGE OF CONSTRUCTION PRODUCTS-----

- High Strength Concrete Admixtures
- Old to New Concrete Bonding Agents
- Integral Water Proofing Systems
- Repair Mortars
- Multi-Purpose Water Proof Coatings for Roofs, Basements, Tanks, Swimming Pools, Plinth, Concrete Slabs etc.
- Solar Reflective Roof Coatings
- Water Repellent Coatings
- Rust Protective Coatings
- Flame Retardant Coatings
- Floor Coatings & Marking Paints
- Exterior Paints for Extreme Climates
- Crack Sealants
- Expansion / Construction Joint Sealants
- Carpentry & Other Specialized Adhesives

Zahabiya's Construction related products have been used by hundreds of industrial, commercial and residential consumers throughout Pakistan. These include Shopping Malls, Universities, Foreign Missions (Embassies and Consulates), Hospitals, Pharmaceutical Industries, Multi-National Companies and other Reputable Industries of Pakistan.



CEMENT ADMIXTURES & MORTARS



Zahabiya SBR LATEX EMULSION SBR-160 & 161:

These “construction grades” of tropicalised latex are specifically used in Civil Construction industry as the reliable admixture for cement/ concrete for increasing adhesion, waterproofing, compressive and flexural strength, resistance to chlorination and carbonation, resistance to cracking and weathering etc. SBR-160 & 161 mixed slurry can also be used for corrosion protection of steel reinforcements.

- Old to New Concrete Bonding
- Floors, Screeds & Plasters
- Thin Layer Repair Mortars
- Flexible Cement Coatings
- Tiling & Grouts

Applications

Zahabiya CONCREMIGHT ZUBA-16/123:

ZUBA-16/123 is acrylic, SBR and special co-polymeric resin based multipurpose bonding adhesive and concrete admixture, used for remarkably increasing water resistance, compressive & tensile strength, resistance against weathering, erosion, corrosion, carbonation and chlorination, thus compensating many deficiencies of the mortar mix. Ideal for construction of water tight bodies as well as such applications where fast setting & non-shrinking properties of mortars are desired. Due to good water impermeability, ZUBA-16/123 modified mortars can be used for protection of steel reinforcements within concrete. High alkali and salinity resistance makes it an ideal admixture for sub-soil and coastal area constructions. Damp rise problems are effectively restricted by using proper proportions of ZUBA-16/123.

- High Strength Concrete
- Basements, Tanks & Pools
- Damp-rise Resistant Plaster
- Industrial Floors & Screeds
- Tile Fixing & Grouting
- Machinery Foundations
- Seismic Zone Constructions

Applications

Zahabiya CONCREMIGHT ZUBA-16/127:

ZUBA-16/127 (ASTM C494 Type A) is a low dosage, concentrated liquid bonding additive used for a variety of specialized construction utilities, especially at high water level areas. Used beneficially for the applications requiring high initial/ green compressive strength, non-shrink & non-cracking properties of concrete in the extreme climatic conditions. Strongly recommended for saline, water-logged, water tight, marine & coastal area constructions, water canals & zones of road bridges exposed to continuous water spray.

- Basements & Below-Grade
- Water Plugs
- Bridges & Roads
- Machinery Foundations
- Drains, Tanks & Reservoirs

Applications

Zahabiya CONCREMIGHT-PD

Zahabiya ConcreMight-PD (ASTM C1107) is a polymer reinforced bonding additive & cement/concrete grouting admixture powder, which when blended with fresh dry cement mortar as per recommended ratios, provides non-shrink & non-cracking properties to the concrete structure, along with increasing the compressive & flexural strength, resistance against water/salt penetration and weather resistance. Best for sub-soil and water-logged areas, waste water ponds, basements, machinery foundation preparations.

- Tile Fixing & Grouts
- Seepage & Leakage Repairs
- Non-Shrink Grouts
- Basements, Tanks & Reservoirs
- Concrete Resurfacing

Applications

Zahabiya CONCREPLASTE 16/40:

A naphthalene-sulphonic acid based, chloride free water reducing admixture & super plasticizer conforming to ASTM C494 Type D and F with excellent plasticization, initial set retardation and superior surface finish. Used at low dosages, it provides up to 22% of water reduction, thereby increasing concrete strength and other properties appreciably. It can be used with cement as well as other hydraulic binders giving excellent slump retention and flow.

- Ready Mix Concretes
- Pre-Cast Concretes
- High-Rise Buildings
- Bridges & Flyovers
- Dams & Canals

Applications

Zahabiya FLOOR REPAIR KIT:

This two component resin reinforced cementitious repair & resurfacing mortar is ideal for quick repairing of worn out & damaged concrete floors. The product has been designed to be applied in varied thicknesses to give exceptional adhesion on the damaged floors, permitting early commissioning, thus saving valuable time especially in industries, schools, hospitals etc. The floors thus repaired exhibit high abrasion resistance, good leveling, good water resistance, along with resistance to dilute acids/ alkali and various other corrosive chemicals.

- Industrial Floors
- Thin Layer Plasters
- Roof Insulation Pasting
- Tile Fixing and Grouting
- Crack Sealing

Applications



WATERPROOF & PROTECTIVE COATINGS



Zahabiya WATER SHIELD ZSAC-10/55:

ZSAC-10/55 is cold applied & ready to use, acrylic elastomers based water proof liquid membrane & sealing system, applicable at all stages of construction from below-grade construction up to roof top. The coating has exceptional elongation (more than 400%), UV resistance, weather resistance as well as high resistance to varied temperature profiles, making it an ideal exterior coating for roofs, slabs & other building materials. It's very high water impermeability & salt resistance properties make it most suitable for saline and water-logged environments. The coating penetrates in capillaries & pores, sealing and strengthening the concrete/ masonry thereby preventing the decay/ erosion of applied surfaces. Also reduces direct sun-heat transmission when applied in white colour. ZSAC-10/55 is non-toxic, non-corrosive, non-cracking, non-fungal and safe for drinking water applications. Available in many colours.

- Concrete Roofs & Slabs
- Asbestos, FRP, Metal Roofing Sheets
- Pools, Tanks & Reservoirs
- Basements & Plinth
- Roof Gardens
- Bathroom Sunks
- Exterior Walls (as Paint)
- HVAC ducts (Anti-Fungus & Vapour Barrier Paint)

Applications

Zahabiya TRANSPARENT SEALER ZTS-141:

Zahabiya Transparent Sealer ZTS-141 is a vinyl copolymer based solvent borne clear lacquer & sealer usable for industrial & commercial sealing problems wherever neat & clean leakage repairing or surface protection is required. It quickly dries into a clear, strongly bonded glossy film with very high water, oil, acid & alkali resistant properties. It has excellent adhesion on both ferrous and non-ferrous surfaces, making it ideal rust protective sealer. Also used to fill and sanitary seal pin holes, hairline cracks & minor leakage of liquids & oxidizing gases.

- Iron Bars & Structures
- Seam Joints
- Iron Gates & Doors
- Windows & Grills
- Wooden Surfaces

Applications

Zahabiya TRANSPARENT SEALER ZTS-142 (Special):

This special UV resistant and high abrasion resistant "wet-look" clear coating is designed to be applied on floors and other surfaces that are subjected to pedestrian and light vehicular traffic. Applied on both exterior and interior surfaces, the coating is completely water proof, oil proof & weather resistant with very good leveling and gloss retention properties. Ideal for food, pharmaceutical and other industries where dust free, non-absorbent floor surface is required for aesthetic, hygiene or good manufacturing practices. Can be pigmented to desired shade.

- Mosaic & Concrete Floors
- Marbles & Granites
- Coloured Plasters & Stones
- Cement Pavers & Tiles
- Aluminium Surfaces

Applications

Zahabiya SPECIAL BINDER SEALER – 16/121:

It is a water borne, acrylic based deep-penetrating, waterproof, non-flammable, non-staining, weather, U/V & mildew resistant, clear protective coating sealer, equally effective on both porous and non-porous surfaces. Suitable for all types of exterior finishes & building materials to protect them from the harmful effects of weather, oxidation, erosion and water penetration, providing ever "wet-look" and excellent ageing resistance. Can be applied on dry or slightly damp surfaces. Available in both gloss and semi-gloss finish.

- Fair Face Plasters
- Stone Claddings
- Brickwork
- Cement Pavers & Tiles
- Wooden Surfaces

Applications

Zahabiya CONCRECURE – WB:

Water based, ASTM C309 Class A type safe to use concrete curing compound of high efficiency. It behaves as a continuous & reflective liquid membrane film, which helps in curing of all freshly laid concrete/ plastered surfaces by preventing early evaporation of water (pre-mature drying) thus ensuring complete hydration cycle.

- High Rise Buildings
- Bridges & Towers
- Canals

Applications

Zahabiya REPECOAT RP-17/9:

Zahabiya Repecoat RP-17/9 is a solvent borne silane/ siloxane based excellent water repellent invisible coating, providing original look with characteristic beading effect to a wide range of inorganic porous materials. Applied by brush or spray, this U/V & weather resistant penetrative coating significantly reduces problems of dirt pickup, rust stains, lime leaching (white marks), efflorescence, salt damage etc., destruction of reinforcements in concrete due to corrosion and growth of fungi, algae and other micro-organisms. RP-17/9 is an excellent undercoat/ primer for damp-rise areas providing dry re-paintable surface. *Water based grade i.e. Zahabiya Repecoat RP-17/7 (WB) is also available.*

- Concrete & Mortars
- Fair Face Concretes
- Gypsum & Mineral Plasters
- Natural & Artificial Stones
- Marble & Granite
- Brickworks & Block-Works

Applications

Zahabiya CHEMECOAT AR-21:

Chemecoat AR-21 is an acrylic co-polymer based, high performance anti-skid floor coating with good resistance to variety of chemicals normally used in industry. Available in various colours, it dries up quickly into smooth, semi-gloss, tough coating with excellent bond on metal, concrete, wood, MDF etc. AR-21 is water proof, oil proof, resistant to aromatic solvents, dilute & concentrated hydrochloric acid, sulphuric acid, phosphoric acid, brine solutions, alkali, common cleaning products etc. Recommended as the protective coating for all those industries where floors are prone to erosion by spillage of corrosive acids, alkali and their salts and where there is appreciable traffic. A cost effective replacement of normal epoxy paints.

- Industrial Floors
- Parking Lots
- Pathways
- Food Processing Areas
- Pharmaceutical Industries
- Cement Tiles & Pavers

Applications

Zahabiya SOLABLOK RC-211: (NEW)

Zahabiya SOLABLOK RC-211 is an innovative solar reflective roof coating which substantially solves the heat gain problem of buildings during hot summer days. With an exceptionally high solar reflectance of 88%, it reflects bulk of the sun's heat. Thus, the roof remains cooler by up to 15°C giving a saving of up to 40% in air conditioning cost. Long service life is ensured due to its excellent waterproofing, weather/ UV resistant and very low dirt pickup properties. Tested against ASTM E1980, the coating has a Solar Reflective Index (SRI) of 110, conforming to all international green building & energy conservation standards for cool roofing.

- Concrete Roofs
- Metallic, Asbestos & Fibre Glass Roofing Sheets
- Exposed Chilled Water Pipes
- Terraces
- External Walls

Applications



FLAME RETARDANT COATINGS



Zahabiya WATER SHIELD (FR GRADE) FRC-10/60:

Zahabiya Water Shield (FR Grade) FRC-10/60 is co-polymeric, fire retardant & non-flammable protective coating, exceptionally suitable for the purpose of fire & weather protection of cellular and/or porous surfaces. Due to its exceptional waterproofing, vapour barrier and flame retardant properties, FRC-10/60 is extensively used in HVAC as the fire retardant adhesive cum vapour barrier coating over the lagging cloth. The coating is flexible, non-cracking & abrasion resistant with high UV, weather and temperature resistance, making it ideal for exterior applications where both weather protection and flame retardant properties are sought. It's high waterproofing and vapour barrier properties enables it to be used in areas where relative humidity exceeds 90% for long periods.

- HVAC Duct Coating
- MDF Partitions
- False Ceilings
- Combustible Roofs
- Wooden Structures
- Tents & Canvas Cloth
- Insulation Sheets

Applications

Flame Spread: 20 (ASTM E-84) Smoke Developed: 180 (ASTM E-84)
Fire Spread Class: VTM-0 & HB-A (UL-94); NFPA Class A; IBC Class A

Zahabiya FLAMEX FRX-10/65:

Zahabiya FlameX FRX-10/65 is a high performance, intumescent flame retardant coating with excellent fire retardant properties. FRX-10/65, upon exposure to fire, swells up many folds to create an insulating char between the fire and the substrate, thereby reducing the reach of the flame to the substrate, thus retarding flame propagation, making it ideal for high fire risk cellulosic/ wooden rigid materials. Also acts as fire resistive coating for steel structures, delaying the structural failure, thus allowing adequate evacuation time.

- Fire Walls & Fire Doors
- Fire Exits & Staircases
- Steel Structures
- MDF & Ply Wood Sheets
- Gypsum & Fibre Boards
- Fire Stop Barriers for Ducts

Applications

Flame Spread: 20 (ASTM E-84) Smoke Developed: 65 (ASTM E-84)
Fire Spread Class: VTM-0 & HB-A (UL-94); NFPA Class A; IBC Class A

Zahabiya FIRE RESISTIVE COMPOUND FIMP-20/15:

FIMP-20/15 is a water based solution of various flame retardant salts & chemicals for providing effective flame retardant properties to numerous types of absorptive substrates. The product after proper drying becomes invisible and does not affect the breathing properties of the substrate. This makes the product ideal for use in civil construction and interior decoration where fire protection of wood work especially partitions, false ceiling & its structure; curtains, sofa cloths etc. is highly desired, without compromising on its aesthetic values.

- Upholstery & Drapery
- Mattresses
- Tents
- Paper & Card Board
- Wood, Plywood & MDF
- Fibre and Insulation Boards

Applications



ADHESIVES & SEALANTS



Zahabiya EXCEL BOND ZGPA-7/321:

Zahabiya Excel Bond ZGPA-7/321 is water based white polymeric emulsion adhesive for normal pasting & bonding. Used for bonding of porous surfaces, the adhesive gives a bond which is not affected by the climatic and atmospheric variations and is cold waterproof for short spells. Being completely starch free, the bond obtained also resists fungal growth.

- Stationery
- Furniture
- Carton Pasting

Applications

Zahabiya EXCEL BOND ZGPA-7/223 (SPECIAL):

ZGPA-7/223 Special is a multi purpose, water based, latex/ rubber reinforced copolymeric, starch-free, fast drying coating, bonding and laminating white adhesive having numerous satisfactory usage. In Civil Construction & Carpentry field, it is effectively usable for almost all bonding, fixing, laminating, coating & sizing applications covering a wide range of substrates including sensitive/ delicate plastics. The bond attained is water proof, unaffected with weather/ climatic changes and resistant to fungal growth.

- Outdoor Furniture
- Formica Pasting
- Natural & Synthetic Wood
- HVAC Insulation Pasting

Applications

Zahabiya SOFT SEAL SPECIAL ZSP-1191:

ZSP-1191 is a mastic caulk, forming a soft gasket seal on self-curing. At all such places where leakage free seams & joints are required, it provides a gas-tight, vapour barrier, waterproof & weather resistant protective seal. It possesses good adhesion with all types of wooden, metallic, plastic, glass, R.C.C. surfaces. In Civil Construction, used as joint and crack sealant for both indoor and outdoor applications. ZSP-1191 conforms to the requirements of ASTM C920 Type-S. The product is non-toxic, non-hazardous, non-corrosive, non-fungal, non-polluting and safe in handling. Available in various colours in 300g cartridges and bulk packages. Unlike silicone sealant, the product does not de-bond with time and can also be painted over.

- Masonry Cracks
- Roof/ Wall Cracks
- Construction Joints
- Expansion Joints
- Door / Window Frames
- Tile Grouts
- Metal Seam Joints

Applications

Zahabiya SEALING GUM ZSG-12/99:

ZSG-12/99 is permanently sticky, elastic & re-usable putty possessing high cohesion, tack, elongation & excellent non-ageing properties. Used for the maintenance as the water, air & gas-tight sealant and water stopper with good adhesion on the metallic, wooden, concrete and plastic surfaces. The product will solve the problem effectively being weather resistant, oil proof, non-flammable, non-conductor of electricity, non-toxic, non-corrosive, non-cracking and safe in handling. In Civil Construction, it is used for filling-in and watertight sealing of Expansion Joints (Vertical/Horizontal) especially in seismic zones due to its unmatched elongation & ever-flexible properties.

- Expansion & Construction Joints
- Conduits Openings
- Shock Absorbing Putty

Applications

Zahabiya SEALING COMPOUND ZSC-13/63

ZSC-13/63 is a thick gaskety air drying sealant providing best air tight, water/ oil proof, vapour barrier and insulating protective seal. This is an excellent sealant/ caulk coupled with adhesion on metals, plastics, polystyrene, wood, cement plaster, mosaic, marble and ceramic tiles. It insulates and protects the metallic pipes from rusting and corrosion, for underground or weather exposed jobs, eliminating the conventional adhesive tape wrapping system.

- Metallic Pipe Coating
- Seam Joint Sealing
- Metal Roof Primer

Applications

Zahabiya SEALING COMPOUND ZSC-13/68 (TILE FIXING GRADE)

Zahabiya Sealing Compound (T/F Grade ZSC-13/68) is the most effective one component sealant for pasting / fixing Ceramic, Marble, Wooden and Vinyl Tiles thereby eliminating the use of cement mixture. This material has many advantages over the conventional tile adhesives such as safe to use, non-shrinking & non-cracking, rapid strength development, quick commissioning of tiled area and high bond strength of tiles with variety of substrates including concrete, wood and metal. Excellent for areas where the substrate to be tiled has elastic behaviour e.g. plywood/ metal floors & partitions.

- Porcelain & Ceramic Tiles
- Marbles & Granites
- PVC Tiles & Flooring
- Laminates

Applications



**ISO 9001 - 2008
Certified Company**



**Registered with
E-n-C's Branch MES,
Pakistan Army**



**Lifetime Fellow
Pakistan HVACR Society**

Winner of



Zahabiya Chemical Industries,

Plot 14, Sector B-VIII, Export Processing Zone, Karachi-75150, Pakistan

Tel: +92-21-35082323 & 35082324 Fax: +92-21-35082325

Email: info@zahabiya.com

Web: <http://www.zahabiya.com>