



NEO Chemicals

www.neochemicals.bh

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Construction

Chemicals

Solutions ”

PAC Technologies LLC



PAC Technologies LLC

was established in Dubai in July 2007. It has had a very clear objective from the beginning: To provide high quality construction chemicals with a superior than customary and more personalized level of quality service.

PAC Technologies manufacturing units comprise of plants for liquid, powder and resin production. These production lines are supported by dedicated laboratories and R&D centres for each production line. Here, experienced minds continuously strive to ensure consistent quality of product. They are also constantly looking for innovative new solutions to keep pace with the ever exceeding market demands.



Research and development

Introduction – NEO CHEMICALS Research and development (R&D) comprise creative and systematic work undertaken in order to increase the stock of knowledge and to devise new applications of available knowledge.

Our Purpose - NEO CHEMICALS Research and development (R&D) is a valuable tool for growing and improving our business. R&D involves researching your market and your customer needs and developing new and improved products and services to fit these needs.

Our Target - NEO CHEMICALS Research and development activities focus on the innovation of new products or services in a company. Among the primary purposes of R&D activities is for a company to remain competitive as it produces products that advance and elevate its current product line.

Our Goal -Ultimately, the goal of our research and development is to increase profits and to control a larger share of the market.

Our Research and Development offer the following benefits:

- **The ability to identify new knowledge and innovative ideas.**
- **The opportunity to come up with new practical uses for existing products**
- **The opportunity to improve the use of existing product**
- **The Ability to expand current products into new markets**
- **The ability to gain a competitive advantage over competitors**

Our Messages - NEO CHEMICALS Research and Development allows our company to stay ahead of its competition. Without an R&D program, a company may not survive on its own and may have to rely on other ways to innovate such as engaging in mergers and acquisitions (M&A) or partnerships.

Through the deepest knowledge and in the bottom of our hearts, our company Research and Development can design new products and improve our existing offerings.

NEO CHEMICALS WLL

NEO Chemicals

Kingdom Group is diversified into production of ready-mix, hollow blocks, AAC blocks, cement, sand and asphalt. The vision of the Kingdom Group has been to source all its in house requirements from under the same umbrella of the Group. In the pathway to achieve this goal, we have been able to successfully diversify into various segments that cater to the local construction market of the island. So in short we are on the pathway to achieve self-sufficiency and creation of Neo Chemicals is one of the major breakthrough in the achievement of the Group vision.

A considerable portion of the raw material requirements for our existing product lines are now being supplied by Neo Chemicals and we are in the path of grabbing a better share in the local market and also to extend our existence and presence in the GCC and international market.

Neo Chemicals has three different divisions under it namely the Dry Mix Division, Liquid Additives Division and the Epoxy Division. Neo Chemicals was established with very clear objectives: To provide not only high-quality construction chemicals, but most of all, a superior and more personalized quality of services. It comprises of manufacturing plants for liquid, powder and resin production. These production lines are supported by dedicated laboratories and R&D centres for each line, where our experienced technicians strive always to provide our clients with a consistent quality of products.

The vision of the investors and visionaries of Kingdom Group in becoming a self-sustained and self-efficient Group is now turning into Reality with the existence of Neo Chemicals.

We employ a highly dedicated team of management personnel and other line staffs who constantly strive in order to achieve the corporate goals and vision.



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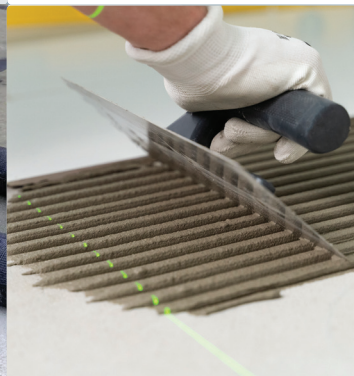
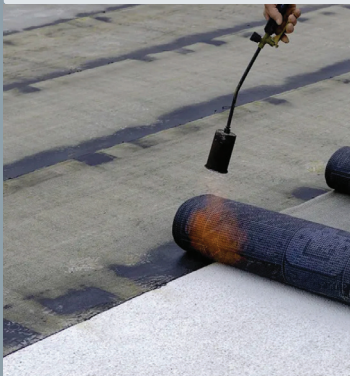
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CONCRETE ESSENTIALS

Concrete Admixture

NEO PCE 495

High Performance Hyper Plasticizer Admixture based on Polycarboxylate Ether

is a High-range concrete superplasticizer based on modified polycarboxylate ether. It is designed to provide highly fluid concrete for easier and faster placement, together with higher early strength achieved with substantially lower water cement ratios

Packaging: 200 L/ Drum, 1000L/Bulk

Uses: NEO PC 495 is a high-range superplasticizer, designed to produce high strength And high flow concrete in a variety of applications such as:

- Precast Concrete
- High Flow concrete
- High Strength Concrete
- Pumped Concrete
- High Performance concrete with very low water cement ratios

Advantages:

- Increased early strength development
- Excellent concrete durability
- Improves resistance to carbonation
- Produces concrete with high levels of workability without segregation
- Increased productivity, resulting in reduced labor cost

Shelf life: 12months from date of production.



NEO PC 481

Mid-Range Superplasticizer on Poly-carboxylate Ether

NEO PC 481 is a Mid-range concrete superplasticizer based on modified polycarboxylate ether It is designed to provide highly fluid concrete for easier and faster placement, together with higher early strength achieved with substantially lower water cement ratios.

Packaging: 200 L/ Drum 1000L/Bulk

Uses:

- NEO PC 481 is a high-range superplasticizer, designed to produce high strength and high flow concrete in a variety of applications such as:
- Precast Concrete
- High Flow concrete
- High Strength Concrete
- Pumped Concrete
- High Performance concrete with very low water cement ratio

Advantages:

- Increased early strength development
- Excellent concrete durability
- Improves resistance to carbonation
- Produces concrete with high levels of workability without segregation
- Increased productivity, resulting in reduced labor cost

Shelf life: 12months from date of production.



NEO PCE 404

High-range concrete superplasticizer based on Polycarboxylate Ether.

NEO PCE 404 is a new generation superplasticizer based on polycarboxylate technology. It is designed to provide the highest performance of water reduction for high strength concrete, while providing excellent fluidity during placement and extreme slump retention without affecting initial setting time. It is especially designed for concretes used at high temperatures and shows better water reducing effects and slump retention than existing water reducers

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

NEO PCE 404 is a High-range superplasticizer, designed to produce high strength and high flow concrete in a variety of applications such as:

- Concrete with high water reduction
- High flow concrete
- High strength Concrete
- Pumped concrete
- slabs, Foundation, Walls and Columns

Advantages:

- Produces concrete with high levels of workability without segregation
- Ultimate strength and durability is increased through reduced permeability.
- Reduces bleeding and therefore reduce the precipitation of concretes.
- Improves resistance to carbonation
- Produces concrete with high levels of workability without segregation
- Increased productivity, resulting in reduced labor cost

Shelf life: 12months from date of production.



NEO PCE 403

High-range concrete superplasticizer based on Polycarboxylate Ether.

NEO PCE 403 is a new generation superplasticizer based on polycarboxylate technology. It is designed to provide the highest performance of water reduction for high strength concrete, while providing excellent fluidity during placement and extreme slump retention without affecting initial setting time. It is especially designed for concretes used at high temperatures and shows better water reducing effects and slump retention than existing water reducers

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

NEO PCE 403 is a High-range superplasticizer, designed to produce high strength and high flow concrete in a variety of applications such as:

- Concrete with high water reduction
- High flow concrete
- High strength Concrete
- Pumped concrete
- Slabs, Foundation, Walls and Columns

Advantages:

- Produces concrete with high levels of workability without segregation
- Ultimate strength and durability is increased through reduced permeability.
- Reduces bleeding and therefore reduce the precipitation of concretes.
- Improves resistance to carbonation
- Produces concrete with high levels of workability without segregation
- Increased productivity, resulting in reduced labor cost

Shelf life: 12months from date of production.



NEO PCE 200

Mid-Range Superplasticize Based on Poly-carboxylate Ether

NEO PCE 200 is a mid-range concrete superplasticizer based on Polycarboxylate Ether. It is designed to provide highly fluid concrete for use in ready mixed concrete, together with higher early strength achieved with substantially lower water cement ratios. It is suitable for use in concrete mixes incorporating pozzolanic materials such as GGBS, Fly ash and Micro-silica. Suitable for use in hot and tropical climatic conditions.

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

NEO PCE 200 is a mid-range superplasticizer, designed to produce high strength and high flow concrete in a variety of applications such as:

- Concrete with high water reduction
- High flow concrete
- High strength Concrete
- Pumped concrete
- Slabs, Foundation, Walls and Columns

Advantages:

- Increased early strength development
- Excellent concrete durability
- Improves resistance to carbonation
- Produces concrete with high levels of workability without segregation
- Increased productivity, resulting in reduced labor cost

Shelf life: 12months from date of production.



NEO PLAST RB 500

High Performance Water Reducing Plasticizer/ Retarder for Concrete

NEOPlast RB500 is a high-performance water reducing admixture designed to maintain workability in hot climates.

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

- High slump concrete
- Hot weather concreting where long workability retention is required
- Ready mix concrete
- Pumped concrete
- High slump concrete
- Hot weather concreting where long workability retention is required
- Ready mix concrete
- Pumped concrete

Advantages:

- It is designed to enhance concrete durability, by minimizing bleeding and segregation, as well as reducing permeability.
- It has a dispersing effect on the fine particles of the concrete mix, improving the consistency of the concrete and enabling the mixing water to perform more effectively and concrete to have increased strength.
- It improves the surface finish and trowel properties
- It reduces placing problems and honeycombing effects

Shelf life: 12months from date of production.



NEO PLAST RB 501

Mid-Range Superplasticizer Based on Poly-carboxylate Ether

High Performance Water Reducing Plasticizer/ Retarder for Concrete

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Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

- High slump concrete
- Hot weather concreting where long workability retention is required
- Ready mix concrete
- Pumped concrete
- High slump concrete
- Hot weather concreting where long workability retention is required
- Ready mix concrete
- Pumped concrete

Advantages:

- It is designed to enhance concrete durability, by minimizing bleeding and segregation, as well as reducing permeability.
- It has a dispersing effect on the fine particles of the concrete mix, improving the consistency of the concrete and enabling the mixing water to perform more effectively and concrete to have increased strength.
- It improves the surface finish and trowel properties
- It reduces placing problems and honeycombing effects

Shelf life: 12months from date of production.



NEO PLAST RB 503 - WPA

Water Proofing Admixture

NEOPlast RB 603- WPA is a general-purpose waterproofing liquid admixture specially designed for concrete and mortar.

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

NEOPlast WPA is suitable for any reinforced concrete structure, such as;

- Basements walls and floors
- Waste water treatment
- Concrete in Marine areas
- Foundation, piles & pile cap
- Land drainage, manholes, concrete pipes
- Water retaining structures, water tank & swimming pool

Advantages:

- Reduce water absorption in structural and pre-cast concrete.
- Eliminates water penetration under positive pressure.
- Reduces the permeability of concrete and mortar.
- Compatible with all types of cement

Shelf life: 12months from date of production.



NEO PLAST RB 505 – Stabilizer

Water Reducing Plasticizer

NEO PLAST RB 505 – Stabilizer is water reducing plasticizer for concrete based on chloride free ligno sulphate system, which also acts as a powerful dispersing agent

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

- Pre-cast concrete manufacture
- Ready mixed concrete in hot weather
- Concrete brick and block manufacture
- Conventional concreting applications

Advantages:

- Easier placement without additional water.
- Water reduction significantly improves compressive strength and durability.
- Chloride free, safe for use in pre-stresses and reinforced concrete.
- Suitable for use in middle east condition.

Shelf life: 12months from date of production.



NEO PLAST RB 504 - AE

Air Entraining/Plasticizing Admixture for Mortars and Renders

NEO Plast RB 504 AE is a liquid admixture designed to provide improved plasticity and yield to cement-based mortars and renders.

Suitable for use in hot and tropical climatic conditions.

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

- NEO Plast RB 504 AE is used as a plasticizer and workability improver for all types of
- cement / sand mortar mix designs used for:
- Renders
- Brick / block bedding mortars
- Pointing mortars

Advantages:

- Improved workability of mortars
- Increased yield
- Reduced shrinkage
- Reduced bleed increases bond strength
- More durable mortar
- Allows to use for coarser sands

Shelf life: 12months from date of production.



NEOFlow 300

Water Proofing Admixture

High Range Water Reducing Superplasticizer

NEOFlow 300 is a chloride free superplasticizer based on sulphonated naphthalene, designed to act as a powerful water reducing agent and to accelerate the early strength development of concrete.

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

- To provide excellent acceleration of strength gain at early ages and major increases in strength at all ages by significantly reducing water demand in a concrete mix.
- Particularly suitable for precast concrete and other high early strength requirements.
- To significantly improve the workability of site mixed and precast concrete without increasing water demand.
- To provide improved durability by increasing ultimate strengths and reducing concrete permeability.

Advantages:

- Powerful plasticizing action reduces or eliminates the need for compaction.
- Concretes of similar workability can be produced with 20-30% less water.
- Increased compressive, tensile and flexural strength can be achieved as a benefit of its water reducing properties.
- High early strengths can significantly increase mold utilization in precast works.
- Powerful plasticizing action reduces or eliminates the need for compaction.
- Concretes of similar workability can be produced with 20-30% less water.
- Increased compressive, tensile and flexural strength can be achieved as a benefit of its water reducing properties.
- High early strengths can significantly increase mold utilization in precast works.

Shelf life: 12months from date of production.

NEO PLAST RB 502 – Control WR

Hydrophobic pore-blocking admixture for watertight concrete production

NEO PLAST RB 502 – Control WR reduces the water absorption of concrete through its pore-blocking and hydrophobic actions.

Packaging: 200 L/ Drum, 1000L/Bulk

Uses:

NEO PLAST RB 502 – Control WR is suitable for any reinforced concrete structure, such as:

- Basements walls and floors
- Waste water treatment
- Concrete in Marine areas
- Foundation, piles & pile cap
- Land drainage, manholes, concrete pipes
- Water retaining structures, water tank & swimming pool

Advantages:

- Reduce water absorption in structural and pre-cast concrete.
- Eliminates water penetration under positive pressure.
- Reduces the permeability of concrete and mortar.

Compatible with all types of cement

Shelf life: 12months from date of production.



PRECISION GROUTS

NEOGrout GP

General Purpose Non-Shrink Grout

NEOGrout GP is a cementitious grout, high strength shrinkage compensating pumpable grout. It is supplied as a ready to use dry powder, which requires only the on-site addition of water.

Packaging: 25 kg bags

Uses:

- Void filling between old and new concrete
- Fixing of machinery and bedding plates
- Filling and caulking of concrete
- Fixing, jointing and anchoring of precast concrete
- Grouting of stanchion base plate.
- To fill the gap behind steel door frames

Advantages:

- Ease of application
- Non-Shrink
- Early strength development
- High bond strength to steel, concrete and bricks
- Adjustable consistency

Shelf life: 12 months from date of production when stored under dry conditions.



NEOGrout HS

High Early Strength/Bearing Grout

NEOGrout HS is a cementitious, non-metallic, non-shrink and high early strength micro concrete grout. It is supplied as a ready to use pre-bagged dry powder, which requires only the on-site addition of water. This non shrink grout is applicable for the grout gap thickness range of 10 – 100 mm

Packaging: 25 kg bags

Uses:

NEOGrout HS is a high strength grout designed for grouting, bedding and bearing operations such as:

- Generators
- Crain rails
- Pre cast elements
- Anchor bolts
- Flanged lighting column
- Stanchion bases
- Milling machines
- Bridge bearing grout

Advantages:

- High early compressive strength
- Excellent workability retention
- High bond strength to steel and concrete
- Low permeability ensures durability
- Can be poured or pumped

Shelf life: 12 months from date of production when stored under dry conditions.



EPOXY GROUTS

NEOGrout 710 PCT

Epoxy Pile Treatment and Waterproofing System

NEOGrout 710 PCT is a three component, solvent free epoxy resin system for pile encapsulation, treatment and waterproofing. It is supplied in a pre-weighed ready to use kit with high fluidity for ease of application.

Packaging: 12 ltr and 20 ltr set

Uses:

- NEOGrout 710 PCT is a high strength epoxy resin system
- Designed for the encapsulation of pile tops and to provide water tightness.
- Stops water seepage through both capillaries and along reinforcement by bonding to the pile surface.
- Its compatible with most of torch on, self-adhesive and liquid applied waterproofing membranes. It can also be used as pourable epoxy patch repair material.

Advantages:

- Solvent free and shrinkage free
- Rapid hardening
- Ready to use
- High mechanical strength
- Curing is not affected by high humidity
- Impact and vibration resistant
- Long service life
- Pile top integrity maintained
- Excellent adhesion
- Unaffected by a wide range of chemicals, acids, alkalis and ground water

Shelf life: 12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.



NEOGrout EG 75

High Strength Epoxy Resin Grout

NEOGrout EG 75 is a solvent free, highly flowable, three component epoxy resin grouts specially designed for heavy engineering grouting where dynamic loads are encountered.

Packaging: 12 ltr and 20 ltr set

Uses:

NEOGrout EG 75 is specially designed for grouting where mechanical and chemical properties are of utmost importance. It can be used for:

grouting heavy machinery base plates, compressors, generators, turbines, centrifugal pumps, bolt pockets, crane rails, bridge bearing, stanchion (steel column) base plates, pile head reprofiling and areas where rotary/reciprocator movements are encountered.

It is used as a grout media to transfer dynamic load effectively.

Ideal for chemical plants, refineries, oil & gas, water industry, structural encasing, etc.

Advantages:

- Pre packed, ready to use
- Solvent free, no shrinkage
- High compressive, tensile & flexural strengths
- Creep resistant
- High mechanical strength
- Can be used from 10 mm to 75 mm in single layer without generating excessive exotherm
- Curing is not affected by high humidity
- Impact and vibration resistant
- Good chemical resistant
- Good adhesion to most of the surfaces

Shelf life: 12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.



PLASTERS and Dry mortar

NEOMix BlockFix GP

Block Fixing and General-Purpose Mortar

NEOMix BlockFix GP

Block Fixing and General-Purpose Mortar

NEOMix BlockFix GP is a dry pre-mixed, specially formulated block fixing and general-purpose mortar for fast laying masonry bricks a various type of blocks. It gives extended open time, has excellent workability and adhesion and ensures joint width is kept to a minimum, hence reducing plastering cost.

Packaging: 50 kg bags

Uses:

NEO MIX BLOCK FIX GP is a Cement Base Mortar for ordinary Masonry and Block laying application.

Advantages:

- Thinner jointing with high adhesion gives better quality and output.
- Factory-made products with consistent quality.
- No water curing is required at site.
- Ready to use, only clean water to be added at site.
- Better bonding strength than conventional cement-based mortar.

Shelf life: 12 months from date of production when stored under dry conditions.



NEOMix BlockFix AAC

Light Weight Block Mortar

NEOMix BlockFix AAC is a cementitious block fixing for autoclaved aerated concrete blocks and calcium silicate blocks. It gives extended open time, has excellent workability and adhesion and ensures joint width is kept to a minimum, hence reducing plastering cost.

Packaging: 50 kg bags

Uses:

NEOMix BlockFix AAC is a cementitious block fixing for autoclaved aerated concrete blocks and calcium silicate blocks.

Advantages:

- high-strength adhesive for quick and firm laying of AAC blocks with thin joints.
- Made of cement, graded sand, and blended with polymers which provides high strength and water retention properties.

Shelf life: 12 months from date of production when stored under dry conditions.



NEOMIX BRC

Bonding rush coat for block walls and concrete surfaces

NEOMix BRC is a ready mixed mineral bonding coat, to provide a mechanical key and improved adhesion for subsequent layers of fresh cement and gypsum-based plasters to the masonry blocks as well as concrete surfaces.

Packaging: 50 kg bags

Uses:

NEO MIX BRC used as a mechanical key coat on substrates before rendering. It improves adhesion of plaster / cement render, applied on masonry block and concrete. NEO MIX BRC can be applied traditionally by hand or Tyrolean box.

Advantages:

- Specially designed as a bonding coat for dense concretes containing micro silica, GGBS and fly ash, prior to plastering.

Shelf life: 12 months from date of production when stored under dry conditions.



NEOMIX CP

Cement Based Dry Ready-Mix Plaster

NEOMIX CP is a dry pre mix cement plaster/render for internal and external use. The plaster is an ideal substrate for paint, wallpaper or decorative plasters. NEOMIX CP can be applied with a suitable plastering machine or by hand in accordance to BS 5262 / BS 5494 onto prepared concrete surface, block work as well as most mineral backgrounds.

Packaging: 50 kg bags

Uses:

Cement base Plaster/Render for internal and external use.

Advantages:

- It can cover the outside and inside of a building, forming a protective layer over stone, brick, and RCC walls and ceilings. Additionally, cement wall plastering effectively levels the wall and ceiling surfaces and can also be used to create smooth, textured, or unique concrete finishes.

Shelf life: 12 months from date of production when stored under dry conditions.



Cementitious Waterproofing

NEOProof FlexSeal 100

Flexible Cementitious Waterproof Membrane

NEOProof FlexSeal 100 is a two-component polymer modified cementitious coating. The product may be trowel, brush or spray applied to provide a flexible, waterproof barrier.

Packaging:

NEOProof FlexSeal 100 is supplied in 22.1kg two-part packs (17 kg powder and 5.1 kg liquid)

Uses:

- NEOProof FlexSeal 100 may be used where there is a requirement to exclude water from a building or retain it within a structure.
- The material is particularly effective where there is a requirement for crack bridging capability, typically in the following situations:
 - Potable water containers, tanks and reservoirs
 - Swimming pools and silos
 - Waterproofing planter boxes
 - Waterproofing new and existing buildings
 - Foundation protection
 - As a backing to marble and granite to prevent water ingress and thus alleviate surface staining.
 - Protection against brackish water
 - Coating seawater channels
 - Protection of concrete against carbonation and chloride ion attack

Advantages:

- Withstands high hydrostatic pressures
- High bond strength to concrete and masonry
- The coating provides effective anti-carbonation cover equivalent to many times its thickness in concrete.
- Excellent crack bridging capabilities even after long periods of immersion.
- Long pot life even at high temperatures

Shelf life: 12 months from date of production when stored under dry conditions.



Our Construction Products

Tile Adhesive and Tile Grout

NEOTILE C2TE

Waterproof Tile Mortar / Highly Polymer Fortified Adhesive

A dry pre mix, waterproof, polymer fortified, and thin-set mortar for interior and exterior installation of ceramic tile, porcelain tile, Gauged Porcelain Tile Panels/Slabs (GTPP) stone, quarry tile, pavers and brick.

Packaging: 25 Kg bag

Uses:

- fixing vitrified tiles, glass mosaic, glass blocks and ceramic wall and floor tiles onto backgrounds such as; Portland cement-based renders, floor screeds, concrete and gypsum boards.
- can be used to apply natural stone and marble tiles.

Advantages:

- NEOTILE C2TE complies with BS EN 12004 with improved characteristics, Slip Resistance and Extended open time up to 30min.

Shelf life: 12 months from date of production when stored under dry conditions.



NEOTILE EG2

High Performance Epoxy Resin Ceramic Tile Adhesive and Tile Grout

a three-component solvent-free, water cleanable, antifungal and anti-bacterial epoxy resin based adhesive and grouting system, which provides excellent adhesion and chemical resistance in medium and heavy-duty corrosive and hygienic environments.

Packaging: 5-liter Set (3 components)

Uses:

designed to provide permanent fixing for ceramic tiles where a hygienic, chemically resistant and waterproof adhesive is required.

The product is recommended for wall and floor tiling in:

- Food processing areas and industrial kitchen
- Swimming pools
- Hospitals and Laboratories
- Plants and Electrical substations
- Heavy duty workshops and garages
- Bottling plants and breweries.

Advantages:

- Good chemical and water resistant
- Good resistance to bacterial and fungal growth
- Curing is not affected by high humidity
- Impact and vibration resistant
- Available in a wide range of colors.
- Water Cleanable.

Shelf life: 12 months when stored in original containers in a cool dry environment. At temperatures above 35°C, the pot life will be reduced.



NEOTILE CG1

High Performance Cementitious Tile Grout

a High-Performance polymer modified cement-based powder blended with synthetic organic polymers and fillers. When added to water it gives smooth creamy paste to grout tile joints.

Packaging: 20 kg Bag

Uses:

- filling tile joints in kitchen, Swimming pools, bathroom, shower stalls etc.
- can be used for exterior applications.
- Used for joints up to 5 mm, for wall and floor tiling.

Advantages:

- Water resistant grout
- Abrasion resistant grout
- Polymer modified tile grout
- Available in a range of attractive colors
- Easy to apply
- Formulated for middle east conditions

Shelf life: 12 months



NEOTILE CG2

High Performance Cementitious Tile Grout

a High-Performance polymer modified cement-based powder blended with synthetic organic polymers and fillers. When added to water it gives smooth creamy paste to grout tile joints.

Packaging:

20 kg Bag

Uses:

- used for filling tile joints in kitchen, Swimming pools, bathroom, shower stalls etc.
- can be used for exterior applications.
- Used for joints up to 10 mm, for wall and floor tiling.

Advantages:

- Water resistant grout
- Abrasion resistant grout
- Polymer modified tile grout
- Available in a range of attractive colors
- Easy to apply
- Formulated for middle east conditions

Shelf life: 12 months



NEOTILE C1TE

Waterproof Tile Mortar / Highly Polymer Fortified Adhesive

a dry pre mix, waterproof, polymer fortified, and thin-set mortar for interior and exterior installation of ceramic tile, porcelain tile, Gauged Porcelain Tile Panels/Slabs (GPTP), stone, quarry tile, pavers and brick.

Packaging: 25 Kg bag

Uses:

- For fixing vitrified tiles, glass mosaic, glass blocks and ceramic wall and floor tiles onto backgrounds such as; Portland cement-based renders, floor screeds, concrete and gypsum boards.
- Can be used to apply natural stone and marble tiles.

Advantages:

- NEOTile C1TE complies with BS EN 12004 with Normal Cementitious Adhesive, Slip Resistance and Extended open time up to 20min.
- Shelf life: 12 months from date of production when stored under dry conditions.



Flooring CEMENTITIOUS FLOORING

NEOTOP SLU 10

Self-levelling Underlayment/Cementitious Floor Screed NEOTop SLU 10 is a high bond strength, crack free, fast setting & hardening self-levelling, polymer modified cementitious underlay. NEOTop SLU 10 has been formulated to achieve a smooth flat surface with ease of application and maximum flow without any shrinkage or cracking.

Packaging: 25 kg bags

Uses:

Can be used in commercial and industrial applications as an underlay prior to laying of Carpet, ceramic tiles, vinyl flooring, epoxy floor systems, etc.

Advantages:

- Application thickness up to 30mm in a single layer
- Flat smooth surfaces over existing concrete slabs
- Foot traffic possible after 4 hrs. of application
- Suitable for overcoating with non-moisture sensitive tile after 24 hours
- Floor coverings (carpet, vinyl, PVC, rubber, wood flooring) can be installed as soon as 2-3 days
- Excellent underlay for tiles, sheet products and wood floor bonding systems
- Is polymer modified and contains a rapid hardening cement
- Very high bond strength and impact resistance
- No water curing is required
- Can be overcoated with any epoxy or polyurethane coating after 15 days
- Highly impermeable and dense material
- Fast repairs of un-even concrete floors

Shelf life: 6 months from date of manufactured when stored under warehouse conditions in original unopened packing.



EPOXY FLOORING

NEOTop 500 SFB

Solvent-free high build, Epoxy Floor Coating

NEOTop 500 SFB is a two-part epoxy resin system which produces a high build, hard wearing, chemically resistant floor coating. When required, NEOTop NS Grains may be included to produce a slip resistant surface.

Packaging: 20 liters Set

Uses:

NEOTop 500 SFB may be used in industrial and commercial situations to provide an abrasion resistant finish in areas subjected to traffic, chemical attack and surface water, such as: Car parks, Loading bays, Walkways, Chemical production facilities Dairies, Beverage production units, Wet working area

Advantages:

- Abrasion resistant
- High build and therefore requiring low maintenance
- Resistant to a wide range of chemicals (see Chemical Resistance Chart)
- Solvent free to minimize disruption
- Variable slip resistance to suit site conditions
- Available in a range of colors to demarcate areas and provide a light reflective floor

Shelf life: 12 months When stored in a cool environment, in original unopened containers.



NEOTop EBM 200

High Build Epoxy Resin Bedding Compound and Skim Coat

NEOTop EBM 200 is a two-pack, solvent-free, thixotropic epoxy resin paste. The product produces a smooth layer suitable to receive further epoxy coatings or left as a bedding layer for pre-cast concrete units.

Packaging: 3 Kg and 5 Kg Set

Uses:

- Filling blow holes and repairing surface defects in concrete and hair cracks prior to the application of epoxy coatings.
- Used as a bedding compound for pre-cast concrete elements including bridge beams, concrete kerbs, and anchor bolts.
- Bedding slip bricks
- Installation of starter bars in concrete.

Advantages:

- Non-slump and non-shrink
- Easy to use
- Chemically resistant to a wide range of common chemicals
- Trowels to a smooth finish

Shelf life: 12 months When stored in a cool environment, in original unopened containers.



NEOTop Primer SF

Epoxy based sealer & primer

NEOTop Primer is a Solvent free, high quality, epoxy sealer for porous surfaces and concrete. It is a ready to use product with excellent penetration properties and high resistance to abrasion and to chemicals

Packaging: 20 liters Set

Uses:

NEOTop Primer is recommended as primer to epoxy flooring system.

It seals the porosity of the substrate and provides a compatible and adherent surface to finishing compounds or to screeds.

Advantages:

- Non-slump and non-shrink
- Easy to use
- Use Brush to a smooth finish
- Low labor cost

Shelf life: 12 months When stored in a cool environment, in original unopened containers.



NEOTop SFE2 & SFE4

Flow Applied Epoxy Based Floor Topping

NEOTop SFE2 & SFE4 are pre-packed, three component self-smoothing toppings, Which consist of a graded filler in epoxy binder.

Packaging: 15 liters Set (3 component)

Uses:

NEOTop SFE2 & SFE4 may be used in industrial and commercial situations to provide long lasting finishes in particular where an impervious, abrasion resistant and easy to clean floor is required. NEOTop SFE4 is designed for use in high abrasion or impact loading situations. NEOTop SFE2 and NEOTop SFE4 are designed to be used in a variety of situations, Such as:

- Engineering, production and maintenance areas
- Warehousing
- Food production, for example dairies, bakeries, fruit/vegetable processing and canning plants
- Beverage production and bottling facilities
- Medical and Pharmaceutical factories, for example in production areas and laboratories
- Kitchens, laundries and canteens
- Showrooms and demonstration areas

Advantages:

- Impact and abrasion resistant
- Resistant to a range of acids, alkalis and industrial chemicals
- Hygienic and easy to clean finish
- Will not support the growth of bacteria, fungi and micro-organism Seamless
- Minimum downtime due to fast application
- Completely non-toxic once fully cured
- Available in a range of colors to provide an attractive, light reflective floor

Shelf life: 12 months When stored in a cool environment, in original unopened containers.



Concrete ESSENTIALS

NEOBond Latex

Latex Modified Bonding Agent

NEOBond Latex is an aqueous emulsion specially formulated for use as a bonding agent and as an additive with cementitious mixes to improve the mix properties.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

NEOBond Latex is used in cementitious mortars, plasters, concrete, thin layer patch mortars, etc. To improve the waterproofing, wear resistance, durability and bonding properties.

Advantages:

- Excellent adhesion to concrete, mortar and plaster
- Improved flexural and tensile properties allow for thin applications
- Improves cohesion and workability
- Reduces shrinkage
- Improves corrosion protection and durability
- Improves mortar resistance to oil, grease and mild acids
- Non-toxic
- Single component easily gauged

Shelf life: 12 months from date of manufacture

NEOBond AP

Acrylic Polymer Based Bonding Agent

NEOBond AP is a single component, acrylic based polymer bonding agent, primer & curing agent. It is also a primer and additive for cementitious mortars and renders, concrete and repair materials.

It is resistant to hydrolysis and can therefore be used for external applications as well as internal ones.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

NEOBond AP is used for bonding of repair mortars and new concrete to existing cementitious surfaces. It can also be used as a curing membrane to prevent loss of water from the repair mortar. NEOBond AP can be used for modifying cement mortar properties by using it as an additive to the mortar mix.

Advantages:

- Single component, economical and simple application
- Increased durability & excellent water resistance
- Provides a plasticizing effect and reduces shrinkage
- Improved corrosion protection
- Provides excellent adhesion and bond to concrete, mortar, stonework, plaster etc.
- Improves cohesion and workability when used as an additive
- Improved flexural and tensile properties allowing for thin application

Shelf life: 12 months from date of manufacture





NEOBond PVA Acrylic Polymer Based Bonding Agent

Multiuse bonding agent and mortar admixture

NEOBond PVA is a multiuse bonding agent and admixture for cementitious systems.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

- Bonding agent for cement screeds, renders, plasters, and concrete repairs.
- Admixture for mortar

Advantages:

- Single component
- Numerous applications for one product
- Simply brushed onto concrete as a primer
- Economical and simple to use
- Excellent adhesive properties
- Fast drying

Shelf life: 12 months from date of manufacture



NEOBond SBR Multi-Purpose, Synthetic Water Resistant Bonding Agent & Mortar Additive

NEOBond SBR is a styrene-butadiene rubber based bonding aid and additive for mortars, screed, renders and concrete.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

- Bonding agent for slip bricks, ceramic tiles, screed, render, plasters and concrete.
- Bonding concrete repair mortar.
- Floor screeds and toppings.
- Waterproofing and tanking.
- Used as an additive in cementitious system to improve durability, water tightness and abrasion resistance.

Advantages:

- Improved flexibility & reduced shrinkage.
- Prolonged corrosion protection
- Improves tensile & flexural strength of mixes.
- Suitable for internal and external application in conjunction with cement.
- Non-toxic

Shelf life: 12 months from date of manufacture



NEOCure AC

Acrylic based concrete curing compound (Available in 2 Grades - Clear and White)

NEOCure AC is a non-degradable liquid type of curing and sealing compound based on acrylic and proper wetting agents

Packaging:

5ltr, 20ltr. & 200 liters

Uses:

NEOCure AC is used to prevent rapid evaporation of water from fresh concrete ensuring uniform hydration, adequate strength development and minimize plastic and drying shrinking cracks. This will also act as sealing coat for protecting concrete from the atmosphere. The cured film further acts as a primer system for subsequent surface to the concrete with a reduced incidence of drying shrinking cracks.

Advantages:

- Dual protection as curing and sealing compound.
- Protects concrete from water borne chlorides, sulphates and atmospheric carbon dioxide.
- Economical, Labor saving, Easy to apply.
- Clear and white pigmented types available

Shelf life: 12 months from date of manufacture



NEOCure GP 75

Multiuse bonding agent and mortar admixture

Water Based Curing Compound and Surface Sealer

NEOCure GP 75 is a general-purpose concrete curing compound based on special inorganic materials. It hardens and seals cementitious surfaces, improving the resistance to chemicals and oils. It produces a moisture-resistant film on concrete surfaces to assure proper hydration of cement and reduce plastic shrinkage cracks.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

NEOCure GP 75 is used to seal vertical and horizontal concrete surfaces thereby retaining moisture for effective curing of elements such as column, beam, slab, screed, repair mortar, plaster, render, etc. It is used especially where the concrete surface will be subsequently coated with acrylic coatings, epoxy coatings, paints etc.

Advantages:

- Environment friendly formulation.
- Solvent free
- Labor saving compared with traditional water curing
- Prevents premature moisture loss from concrete thus reduces shrinkage
- Improves hydration of cement
- Does not interfere with adhesion of subsequent treatments
- Non staining & dries quickly with no odor
- Provides dust free concrete surface
- Available in transparent & fugitive colors

Shelf life: 12 months from date of manufacture



NEOCure WB

Water ba NEOCure WB

is a low viscosity solvent free wax emulsion, producing a non-penetrating continuous film on contact with a cementitious surface. This film prevents excessive water evaporation resulting in more efficient cement hydration, reduced shrinkage and increased durability.

NEOCure WB is available in 2 grades: NEOCure WB Clear is for all applications in temperate climates and NEOCure WB White pigmented grade is recommended in hot climates due to its light reflectance properties minimizing solar heat gained concrete curing compound (available in 2 grades - clear and white)

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

- As a spray applied membrane to retain moisture in concrete for effective curing
- Suitable for all general concreting applications and particularly suited for large area concrete surfaces, such as bridgeworks, airport runways and roads
- As a more effective and economical alternative to hessian and water and polythene curing regimes. Suitable for use on all concrete surfaces.

Advantages:

- Eliminates the need for water
- Single application
- Control of moisture loss improves surface quality, reducing permeability, producing a hard wearing, dust-free surface and minimizing the potential for surface cracking and shrinkage
- Improved durability
- Available in white pigmented grade-minimizing solar heat gain
- Spray application reduces labor costs and eliminates the need for alternative curing systems
- Reduced labor costs

Shelf life: 12 months from date of manufacture



NEOFinish SRA

Solvent Based Chemical Release Agent

Chemical release agent suitable for mould and shutter faces prior to casting concrete in order to achieve a clean release. After removal of the formwork, the resultant concrete has a smooth hard uniform finish, with reduced incidence of blow holes.

NEOFinish SRA can be applied to the formwork by spray in the form of a light uniform coating.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

NEOFinish SRA is formulated for application to plywood, timber, steel and plastic faced formwork and moulds, prior to casting concrete, to ensure a clean release.

Advantages:

- Easy to use
- Reduces blow holes
- Protects steel forms from corrosion
- Can be used on steel, timber and plywood
- Non staining
- High coverage

Shelf life: 12 months from date of manufacture



NEOFinish VB

Vegetable Oil Based Mould Release Agent

Environmentally friendly, Vegetable Oil based mold release agent for concrete finish. NEOFinish VB aids smooth and clean release of concrete from mold surface without pin holes and surface defects. Excellent solution where other types of mold release agents fail to perform.

NEOFinish VB will allow the subsequent application of rendering and paint according to the conditions defined by the professional practice rules for the application of coatings

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

NEOFinish VB can be used with various types of moulds (metal, rubber, plastic, wood, etc.) providing easy shutter release to get clean and fair face concrete. Used on forms for precast concrete, slip form concrete, stamp concrete, etc.

Advantages:

- Reduces surface pinholes and blemishes
- Economical, saves on pinhole and other surface Repairs.
- Does not stain concrete surface
- Performs well in extreme ambient temperatures and humidity levels
- Spray or roller application.
- Odorless and non-toxic.
- Does not rust molds.

Shelf life: 12 months from date of manufacture



NEOFinish WB

Multiuse bonding agent and mortar admixture

Water based Mould and Shutter Release Agent

NEOFinish WB an emulsified blend of mineral oils and nonhazardous chemicals is specially formulated to produce release properties which are superior to those of conventional mould oils.

Packaging: 5ltr, 20ltr. & 200 liters

Uses:

NEOFinish WB is supplied as a sprayable white liquid, ready for direct application on site. The chemically reactive components in NEOFinish WB provide a water repellent interface which protects formwork and ensures an even color and texture in the cast concrete. In addition to preventing adhesion of concrete to formwork, NEOFinish WB will allow air to escape from the interface during concrete placing and vibration.

The release of air minimizes surface blemishes and blow holes resulting in a substantial reduction in remedial costs. NEOFinish WB provides quick, clean and easy stripping of mould and formwork and ensure high quality, fair faced and stain free concrete.

Advantages:

- Reduces surface pinholes and blemishes
- Economical, saves on pinhole and other surface Repairs.
- Does not stain concrete surface
- Performs well in extreme ambient temperatures and humidity levels
- Spray or roller application.
- Odorless and non-toxic.
- Does not rust molds.

Shelf life: 12 months from date of manufacture



