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## **ARAB SUPPLIERS COMPANY**

#### >> HISTORY

Founded in 1982, Arab Suppliers Company is a member of the GN Group of Companies, one of the largest global manufacturers and suppliers of building materials, waterproofing, thermal insulation, and commercial technologies.

#### >> VISION

Leader in Building Materials, Waterproofing, Thermal Insulation, and Commercial Technologies.

## **»** MISSION

Arab Suppliers Co. is committed to providing the most up-to-date high-quality, building materials, waterproofing, thermal insulation, and commercial technologies in the global market. Arab Suppliers Co. dedicates itself to providing significant investments in new product development, providing the highest levels of customer service, technical support, and assisting our valued customers in the growth of their businesses.

#### >> RELATIONSHIPS

Arab Suppliers Co. has the ability and capacity to serve architects, consultants, contractors and the DIY sector.

We have had long-standing relationships with architects, consultants and contractors for more than 30 years.

## CONSISTENCY

Simply put, you know what you're getting from our latest building materials, waterproofing, thermal insulation, and commercial technologies. We deliver high-quality products - consistently, year after year. Customers receive on-time deliveries, backed by a wide range of standards compliances and partnerships.

#### >> PRODUCT LINES

With the widest range of building materials, waterproofing, thermal insulation and commercial technologies, we pride ourselves in having the product lines that best meet our customers' needs.

#### >> PRODUCT DEVELOPMENT

The GN group of companies has over 30 years' experience of building materials, waterproofing, thermal insulation, and commercial technologies, so our technical expertise, research and development capabilities definitely lead our industry and the global market.

#### SALES & TECHNICAL SUPPORT

We have training programs to help your company have a better understanding of our latest building materials, waterproofing, thermal insulation, and commercial technologies.

#### >> MARKETING SUPPORT

We offer our contractors unparalleled support including merchandising, data sheet, product submittals, catalog assistance, co-op advertising, trade show, direct mail support, and lead generation, to name just a few.





























## UNDERTAKEN PROJECTS

Dubai Sports City - Dubai

Lake Tower 3 - Dubai

Nadhal Sheba Race Course - Dubai

Saudi German Hospital for 300 beds - Dubai

Business Tower A, Business Bay - Dubai

Jumeirah Lake Tower - Dubai

Buri Dubai, The Old Town Sites A & B - Dubai

Extension of Child Center-DIBBA - Dubai

Jumeirah Park, 5 Rooms - Dubai

JLT 4 Towers - Dubai

Palm Jumeirah - Dubai

Dubai International Airport Expansion Project (Phase II) - Dubai

Burj Dubai Development-business Park (Phase-1) - Dubai

Burj Dubai Development-The Old Town - Dubai

Ministry of Public Works (School Project) - Dubai

Dubai Main Intl. Airport - Dubai

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**UAE Telecommunication - Dubai** 

Dubai Air Cargo Complex - Dubai

**EPPCO Filling Stations - Dubai** 

Dubai Court Complex - Dubai

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Shopping and Residence in Sharjah - Sharjah

Al Nahda Link Road Bridge Project - Sharjah

Sharjah Municipality - Sharjah

Supply of Precast Manhole for the Drainage System of Municipality - Sharjah

Meadows & Springs - Abu Dhabi

Al Ain & Mussafah Interchange Project-Abu Dhabi

Housing Complex - Abu Dhabi

Sewerage Project - Abu Dhabi

Abu Dhabi Interchange Project - Abu Dhabi

Construction of P 1 High School Accommodation @ SAS ALNAKL-Abu Dhabi

Golf Garden Residential Community - Abu Dhabi

Abu Dhabi Municipality, Sector Road EB3 & EB4

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Burooj Properties - Abu Dhabi

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Doha International Airport - Doha, Qatar

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North Beach Development - Doha, Qatar

Roads Intersection - Doha, Qatar

Friendhisp Bridge - Doha, Qatar

Al-Khaleej Gas Project - Doha, Qatar

Gas Export Project to Pakistan - Doha, Qatar

Al Ain Mall, Al Ain - Al Ain

Al Ain Municipality, Town Planning Dept. Repairing and resurfacing Road - Al Ain

ADNOC-School at Ruwais Housing Complex - Ruwais

32 Local Villas at Kalbaa - Kalbaa

50 Local Villas in Fujairah - Fujairah

































### **MAINTENANCE**

#### **WERNER LADDERS**

Arab Suppliers Co. is the only and exclusive agent of Werner Ladders in the entire GCC. For almost 30 years it has provided affordable and durable climbing solutions. Werner ladders range from single, A-type, extensions, with platform, with wheels, attic type, or scaffold types of ladders. They are in different sizes, widths, lengths, load capacities, and colors. Werner Ladders are specially made of aluminum, fiberglass, and wood. These ladders are certified by the American National Standards Institute (ANSI), and Occupational Safety Health Administration Code (OSHA).



#### DIY AND INDUSTRIAL QUALITY LADDERS

Other types of ladders from Italy, Germany and Singapore are also kept and maintained by Arab Suppliers Co. They serve our customers' interests and provide more options to our clients, customers, or end users. The tower is made of aluminum, fiberglass, and wood in a single type, A type, extension, dual purpose, and multipurpose ladders. It comes with different load capacity, and in different steps to match height requirements.



#### **MOBILE ACCESS TOWER**

As a solution to providing security with a comfortable climbing solution, scaffolding is one of Arab Suppliers' most important products. Scaffolding is a temporary structure which supports people and materials during the construction or repair of buildings and other large structures. It is usually a modular system of aluminum and metal pipes or tubes, supported with castor wheels, stabilizers, braces, guards, platform, and end rails. It comes in different sizes, height requirements and load capacities.



#### PERSONAL & MATERIAL LIFTS

Personal and material lifts provide the safest and efficient means of working at height in restricted spaces typically encountered in offices, shopping malls, hotels, public buildings, or crowded industrial areas. They are designed to enhance your productivity with highly-portable solutions for a wide variety of applications. These are easy for one person to set up, operate and transport in a standard pick-up or service truck.



#### AIRPORT HANDLING EQUIPMENTS

This is high-quality, efficient, and flexible aircraft ground support equipment for civil and military aircraft. It comes in different designs, and sizes for use in airport and aircraft servicing and maintenance. It is specially made in aluminum or steel, and provides easy access and movement while the job is being carried out.



## **RESCUE TECHNOLOGY**

It is heavy duty aluminum alloy ladders and platform, movable, and quick and easy to assemble. It normally used in emergency response and rescue. Extension ladder is rope operated, with spring loaded pawls and poles. Rungs are with heat insulating sleeves, 2 wall wheels at top, and steel spikes at bottom. Rescue platforms are detachable to east transport of casualties, with spindle jacks to cope with uneven ground.



## ATTIC LADDERS AND ACCESS PANELS

As a solution for accessing drywalls, ceilings, attic floors and ceilings and the floor below the attic, access panels and attic ladders are also kept by Arab Suppliers Co. for the purpose of providing alternatives and solution to its clients, customers and end users who are planning to have access to the walls, floors, ceilings, and attic sections of buildings. They provide an easy way of accessing such parts of buildings.

































## WAREHOUSE LADDERS

These are heavy-duty warehouse platform mobile ladders which are made of aluminum or steel and used for transporting or stocking materials. The range of platform ladders is available in different steps. They are ideal for use as warehouse ladders for selecting stocks or loading shelves. They have a large enclosed platform, and with a very useful attached tool tray. The unit is simple to fold for transporting or storage.



#### RESTORATION & MAINTENANCE PRODUCTS

These penetrate and harden deteriorated wood, restoring its strength and function. When permanent bonding and structural strength matter, Abatron's products meet the most demanding requirements. Their applications include patching, bonding, crack repair, structural crack-injection and bonding new and old concrete. Selections include all the accessories to get the job done right. Choose from a variety of casting compounds. Also rigid epoxy for making molds, patterns and prototypes. Selections include all the accessories to get the job done right. Choose from a variety of casting compounds. Also rigid epoxy for making molds, patterns and prototypes.



## SURFACE PROTECTION PRODUCTS

Temporary covering that protects finished surfaces from construction site damage and spills. It consists of 2 layers – a water-based liquid base coat (primer) and pretreated top mat. The result is a seamless, non-slip barrier that adheres to your protected work surface.



#### POLISHING EQUIPMENTS

Characterized by their uniform structure, correct hardness, high efficiency and full range of sizes. Used to remove the EKM scale or machining surface, for general polishing and fine finishing. Characterized by good surface-polishing, long tool life & efficiency.



#### CONSTRUCTION

#### » PVC & CONCRETE SPACERS

PVC and concrete spacers are normally used in heavy-duty applications such as foundations, base plate construction pre-cast yards, composite slabs, base plate woven, with light rebars. PVC spacers come in different designs, with different uses. They are also available in different sizes, and colors. Concrete spacers are made of heavy-duty concrete materials and are used for supporting large reinforcement both in vertical and horizontal applications which offer one, two, or three separate covers. They are a product designed for use in concrete construction containing joints, one side of which is subject to hydrostatic pressure. They are used as a barrier within the joint to prevent the passage of liquid through or across the joint. They are embedded in the concrete on both sides of the joint, and spans the joint, and are designed to deal with lateral and transverse movements. They are made of PVC and are in different sizes based on the clients' requirements.



#### » PVC WATERSTOP

It is a product designed for used in concrete construction containing joints, one side of which is subject to hydro static pressure. It is used as barrier within the joint to prevent the passage of liquid through or across the joint. It is embedded in the concrete on both sides of the joint, and spans the joint. It is designed to accommodate lateral and tranvserse movement. It is made of PVC which comes into different sizes which will based on the requirement.































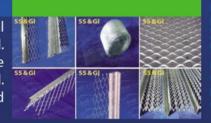
#### TILE LEVELERS AND PEDESTALS

Tile levelers and pedestals are the simple solution to your decking needs. They can be used on rooftops, balconies, cracked concrete patios, even on-grade. This innovative elevated deck solution works with any surface material, from wood tiles, traditional stringer and plank decks, natural stone, composites or concrete. They support 750 lbs per pedestal and reach 12", fast screw-to-adjust installation



#### **EXPANDED METALS**

This is a form of metal stock made by shearing a metal plate in a press, so that the metal stretches, leaving diamond-shaped voids surrounded by interlinked bars of the metal. The most common method of manufacture is to simultaneously slit and stretch the material in one movement. Expanded metal is also referred to as perforated metal. It is a large part of the metal industry and plays a key role in fabrication. Expanded metal is used in grates and in outdoor furniture (e.g. benches) or fencing.



#### FORMWORK ACCESSORIES AND COUPLERS

Extensively used in various construction works. They allow a variety of applications for formwork tie systems. Formwork accessories are composed of different items like tie rods, wing nuts, washer plates, clampfix and water stoppers which come in different specification and sizes. Couplers also are very important in formwork and scaffold clapping, and holding solutions. They are available in different types, style, and materials based on the different applications and requirements.



#### **PVC PLASTER BEADS AND DRYLINING BEADS**

PVC and dry-lining beads reinforce the gypsum wall partitions, corners, and the ceilings in offices, homes, shops, hospitals and shopping malls. They strengthen walls and offer protection against impacts. They are also used to deal with cracks which develop at the junction of the RCC and gypsum board vertically and horizontally. They provide accurate straight corner angles, give structural support and reinforcement to the corners and walls, and protect your corners and walls against chipping, breaking, and corrosion.



#### LIFTING, ANCHORING AND CONNECTION SYSTEM

Lifting System is the economical and effective method for back-stripping or face lifting in tension. The system code is stamped on the head of each anchor to match with the correct lifting unit. Stocked in hot-dip galvanized quality. It is used to move pre-cast items with a tubular lifting socket. Wire rope slings are made from non-lubricated wire ropes with a non-lubricated, non-metallic or metallic core. Wire rope slings are made from wire ropes with counter-clockwise right winding made from wires with nominal tenacity.



## **EXPANSION JOINTS**

They are designed to safely absorb the heat-induced expansion and contraction of various construction materials, to absorb vibration, and to hold parts together, or to allow movement due to ground settlement or earthquakes. They are commonly found between sections of sidewalks, bridges, railway tracks, piping systems, ships, and other structures. They are also applied in floor, walls, and ceilings. Safety treads and stair nosing are heavy-duty integrated safety nosings which are manufactured from reinforced aluminum extrusion.



## **BLOCK REINFORCEMENT, WALL TIES & RESTRAINT FIXING**

It has numerous applications in all types of building where extra strength and stability are required, as in footing and parapets, etc. or to localized stress areas. It is easy to handle, and when laid embedded in the mortar joining between blockwork courses, it forms an integral structure of great tensile strength which assists in the resistance, vibrations and thermal changes. Wall ties can be used for all types of assistance in resistance, vibrations, and thermal changes.































#### SAFETY TREADS, & STAIR NOSING

These are designed and manufacture top-of-the-line, anti-slip stair treads. We are concerned about public safety. We are also dedicated to the quality and character of your building design. Our stair treads meet and exceed safety surface specifications, including ADA, OSHA, and are in compliance with the barrier-free code for the physically impaired. Safety treads and stair nosing are ideal for any indoor or outdoor application where stair tread protection and added safety are desired or required. Stair tread inserts are slip-resistant, durable.



#### ALUMINUM COVERJOINTS & THRESHOLD

Arab Suppliers Co. offers a wide variety of thresholds, floor plates, and accessories to fit any commercial building application. Thresholds are commonly used in schools, hospitals, office buildings, shopping malls, recreation centers, hotels, etc. These include: standard saddles, thermal barrier saddles, latching panic exit saddles, carpet and special purpose thresholds, floor closer thresholds, cover plate assemblies.



#### SAFETY FENCING

This is a steel fence using wire strands welded together to form a high strength mesh. Welded wire mesh fences are used predominantly as high-security barriers where visibility through the fence is necessary or desirable. Wire mesh fencing is made of thin, flexible galvanized wire, with hexagonal gaps. Barricade panels (mounted height 2.15m) panels powder coated in white or sand, frame hot dip galvanised includes all blocks, couplers, backstays, block trays and erections. Gale force wind rating.



#### W GUN NAILS

A tool that uses pressure to automatically force a nail into an object. Nail guns do not use individual fasteners. Instead, the fasteners are mounted in long strips. Full head nail guns, especially those used for pallet making and roofing, use long plastic or wire collated coils. Strip nailers use a clipped head so the nails can be placed closer together, which facilitates less-frequent reloading. Clip head nails are sometimes banned by state or local building codes.



#### MARBLE FIXING

Stainless steel marble fixing for direct fixing into concrete walls with expansion bolts. It is suitable for concrete walls. In horizontal joint installation, slabs are pinned on the bottom and upper sides. Anchors act as load-bearing carrying half the weight of the slabs above. Anchors also act as restraint holding the slabs below and restraining against wind suction and pressure. In vertical joints, installation slabs are pinned at the left and right sides.



## ADHESIVE, SEALANT, GLUE & EPOXY

#### Marie Service Servi

Silicone sealant is a powerful, flexible product that can be used in many different applications. It can withstand high temperatures, making it ideal for different applications. It is fast-curing, and a ready-to-use excellent adhesive. It comes in different colors; white, grey, beige, clear, black, and brown. It is used around windows, doors, frames, base boards, siding and in any joint or gap where a weather-tight seal is needed. It is made in the USA, with guaranteed quality.



#### » ADHESIVES & SEALANTS

Adhesive and sealants are different varieties of products that provide adhesion and sealing application. Sealants are used in many industries, for example building construction, automotive, aerospace and marine. They generally contain inert filler material and are usually formulated with an elastomer to give the required flexibility and elongation. They seal the substrate at the glue line, and are particularly effective in keeping moisture in or out of the components with which they are used. They provide thermal or sound insulation and can serve as fire barriers.































#### **EPOXY - PC7 & PC11**

PC-7 is the epoxy for tough jobs! This paste epoxy was formulated for maximum bonding power. When mixed, components A (grey) and B (black) react to form a bond of tremendous strength. PC-7 formulation provides extended working time for large and critical jobs, and this allows the user to reposition work or make changes. PC-11 was formulated as a true marine epoxy, allowing users to bond to wet, dry and fully-submerged substrates. Like PC-7, PC-11 formulation provides extended working time for large and critical jobs, which allows the user to reposition work or make changes.



## **POLYURETHANE FOAM SEALANT AND FOAM GUN**

It normally expands to take the shape of the cracks and voids, so forming a permanent, airtight and waterproof bond to wood metal, masonry, glass and most plastics. It expands in 10 minutes and cures in 1 hour. It comes in two sizes: 500 ml and 750 ml. It is supplied as normal and fire-rated. Fire-rated polyurethane foam sealant is a flame-resistant, one-component polyurethane foam curing by air moisture, applicable with annexed straw. Flame-resistant only between solid mineral or metal construction materials.



#### TAPES

#### **PACKING TAPES >>**

Tapes are packaging materials that will stick with application pressure, without the need for solvent, heat, or water for activation. They can be used in homes, offices, industries, and institutions for a wide variety of purposes. They consist of a pressuresensitive adhesive coated onto a backing material such as paper, plastic film, cloth, or metal foil. Some have a removable release liner which protects the adhesive until the liner is removed. Some have layers of adhesives, primers, easy-release materials, filaments, printing, etc. made for specific functions.



#### **SPECIALIZED TAPES**

Specialized tapes are designed for highly-specified technical applications. There are different types to suit the different applications and functions which the users require. They include PVC pipeline tape, PE foam tape, foam weather-strip tape, double-sided foam tape, and many more, with different sizes available. These specialized tapes are highly crack-resistant, with excellent elongation, and high tensile properties. These items are manufactured in high-grade raw materials which satisfy the sealing and gasket requirements.



#### ANTI-CORROSION TAPES

These are designed to provide corrosion protection and mechanical resistance to metal pipes, underground steep pipes, bare bends and bare pipe joints made of PC. Epoxy-coated pipes for manual or machine installation. The main material is a stabilized polyethylene-backing and butyl rubber-based synthetic elastomer adhesive.



## INTERIOR & EXTERIOR DECORATIVE MOULDING MATERIALS **PU CORNICE, CEILING EXTRUDED MOULDINGS, CEILING TILES, & ROSES**

PU cornice is an elegant, fashionable, decorative material. This superior material is mainly used in the indoor decoration of superior class buildings such as hotels, restaurants, shopping malls, theaters, dance halls, cinemas, stations, auditoriums, offices, sitting rooms, business buildings and industrial or residential buildings. It is mainly made of high-quality polyurethane material, so it is stronger and weighs less than gypsum powder cornices. Polystyrene ceiling extruded mouldings are long and affordable, made of ultra-lightweight material for interior decoration.































#### NUBBER MATTING AND PVC FLOORING

This type of flooring includes small round studs that prevent any kind of slippage. While round stud flooring may not be aesthetically appealing, these rubber tiles create the perfect sturdy floor. Rubber stud flooring is usually used in industrial spaces such as movie theaters, car showrooms, and restaurants, but it can also be used inside a home. PVC flooring vinyl tiles are more durable and stain-resistant than ever before. Many of the designs and colors are inspired by nature and will add style and color to any room. Vinyl floor designs are extremely realistic-looking, and patterns range from simple contemporary designs to beautiful weathered stones to rich hand-scraped hardwoods. Vinyl flooring is still one of the best solutions for bathrooms, mud rooms and kitchens. Vinyl floor tiles are also a great solution for those looking to install their own flooring in a kitchen or bathroom.



### PU BEAM AND POLYURETHANE CORNICE

This is an imitation wood polyurethane beam (light oak & dark oak) designed for interior decoration. Resistant to acid and alkali uncombustion and unburning; lightweight, good resilience and hardness. Easy installation, can be planed, sawed, nailed and glued. Not moisture-absorbent, no water permeation or mildew.



#### PVC & ALUMINUM DECORATIVE AND BATH TRIMS

These are products made of PVC or aluminum used as decoration. They are used to cover edges, or as decorative materials to make bathrooms, kitchens and other rooms more elegant and attractive. They are available in different designs, sizes and different colors, and are manufactured in high-grade materials.



#### TILE TRIM

Tile Trim comes in PVC, aluminum and stainless steel in different sizes. It is used to protect tile edges from chipping and avoids tile chamfering in vertical trimming. It prevents the exposure of sharp edges and dust accumulation in horizontal trimming.



#### » RTV RUBBER MOULD

These are liquid rubbers which are used to create flexible molds and tools for casting, forming, and texturing concrete. Polytek is used to create architectural precast molds, cast stone products, ornamental pre-cast and statuary molds, stamping tools and texturing skins, and rubber block-outs and hole formers. The two-part polyurethane and silicone liquid rubbers can be poured, brushed or sprayed onto any original pattern, regardless of how simple or complex its shape is.



## SUBJECT STATE STATE

Glass blocks are a special building material made of glass or acrylic. Shaped and laid similarly to brick or concrete blocks, glass blocks are available in several different sizes and are commonly used as an alternative to traditional windows, especially in basements. Glass blocks are also used to construct shower walls, uniquely-shaped windows, and are frequently employed in the architectural design of office buildings. Glass blocks come in a variety of designs and sizes.



## VIRGIN GRADE PVC VINYL SHEET

This product is USDA-compliant and is recommended for use in federally-inspected food processing plants, restaurants, bottlers, commercial kitchens and central food preparation areas. The panels resist mold and mildew, and eliminate costly remediation due to "sick building syndrome". Totally waterproof, the panels are not affected by moisture and humidity. The material also eliminates staining, swelling, discoloration, water damage and rot.































## DRYWALL PARTITION CEILING SUSPENSION SYSTEM

#### **CIELING SUSPENSION SYSTEM**

This ceiling suspension system consists of a suspended channel bearer with furring at the top hat section with preformed clips. The furring section forms a battening system where plasterboard is screwed by inserting drywall screws with an electric screwdriver. It uses a rigid rod adjustable hanger for strength and rigidity. This improves acoustics, reduces noise, resists moisture, and aids hygiene.



#### **DRYWALL PARTITION**

Drywall partition system is the latest impact-resistance system plasterboard lining which is designed to satisfy regulatory requirements for heavy-duty applications. Drywall consists of one layer of HDP board on each side, securely-galvanized steel studs and tracks, with in-between boards with mineral wool. HDP board is manufactured from high-grade alpha gypsum plaster with short glass-fiber strand reinforcement. With an impact-resistant smooth surface and slightly textured on the reverse.



#### **DRYWALL REINFORCEMENT MATERIALS**

These are made of twisted strands of fiberglass which are woven at right angles to one another. Cloth has the highest glass-to-resin ratio and strength of all fiberglass materials. Fiberglass tape is usually a narrow, cloth strip with woven edges that prevent unravelling. Use this tape for reinforcing seams and corners, and over epoxy fillets on plywood stitch and glue boats. Resins are often combined with reinforcement fabrics to create a superior "composite" material.



## THERMAL, ACOUSTIC, ANTI-VIBRATION INSULATION

#### **ROCKWOOL AND GLASSWOOL**

Glass wool and rockwool products are excellent insulation materials and are completely safe to use under all conditions. Glass wool and rockwool make a significant contribution to ensuring safe workplaces by providing efficient thermal insulation, reducing energy consumption, protecting personnel from hot surfaces, ensuring safe workplaces because of their excellent sound insulation, reducing noise pollution and providing a safer workplace.



#### WATER PROOFING BITUMEN ROLL & DAMP PROOF COURSE

Damp Proof Course is a sand finished sheet manufactured from a high performance carrier and modified bitumen. It does not pose any health hazard. However in the interest of good hygiene hand should be washed after used. It is intended for use as a damp-proof course. For specific physical performance data consult the product technical data. It is a strong, resilient, non-woven polyester mat that is coated with weather resistant, polymer modified asphalt. The system consists of 2 plies - base and cap. Guarantees are available for up to 15 years. (1)



#### **CORK SHEET**

These sheets are made of natural cork grains. Different cork grain sizes and distinctive formulations of binders are used in the manufacturing process to create composition cork sheets in grades and appearances to satisfy specific purpose and uses. They can be used to make bulletin boards, tack boards, underlay, and insulating materials, coasters and hot pads, models, for craft and hobby needs, as gaskets and protective pads, and much more



## **GI200 FLEXO FIBER SHEET**

GI200 Flexo fiber sheet: This is a board with various qualities which make it ideal for a wide range of applications. It is produced using only nature's own materials. The main material used in our board is wood fiber from European timber which grows in natural areas with clean air and pure water.

































## PVC WALL PANNEL BOARD

These highly-reflective PVC panels are ideal for high-moisture areas because they are water-proof! Panels install quickly and easily, with no exposed fasteners. Available in widths of 12 and 24 inches and cut to lengths from 4 to 20 feet, to fit your building. These PVC panels are stain-resistant, low-maintenance and easy to clean (when required). Use in self-serving units, automatics and tunnels. The available colored panels should be used for interiors only.



#### LEADER FOAM, CLOSED CELL & BACKUP ROD

Leader foam is a flexible, compressible, closed-cell polyethylene joint filler. Available in different densities and colors, in the form of sheets. It is a chemically non-crosslinked polyethene foam with closed cells, expanded 5 to 30 times. It has light and insulating properties. Water-repellent and highly-resistant to weathering and chemicals. The backing rod protects against penetration by gasoline and inorganic solutions. It is used as sealant and gasket material in various applications.



## GEO-GRID, GEOMEMBRAME, GEOTEXTILE

#### SEOGRID

Double-direction geogrid is made of high-molecular polymer manufactured by extrusion, forming and punching before longitudinal and lateral stretching. This material has considerable tensile strength in longitudinal and lateral directions. This chain structure can effectively bear and diffuse forces on soil, and is suitable for large area, permanently load-bearing foundations as a reinforcement.



#### > TPO MEMBRANE

TPO membranes are single-ply roof membranes constructed from ethylene propylene rubber. They are designed to combine the durability of EPDM rubber with the proven performance of hot-air weldable seams. They have been tested as having excellent resistance to ozone, are algae-resistant, environmentally-friendly, and safe to install. The material's manufacturers are so confident of their properly-welded seams that the material is sometimes advertised as a monolithic (seamless) roof. Seam strengths are reportedly 3 to 4 times greater than those of EPDM's adhesive and tape seams.



#### SEOTEXTILE

Geotextiles are permeable fabrics which, when used in association with soil, have the ability to separate, filter, reinforce, protect, or drain. Typically made from polypropylene or polyester, geotextile fabrics come in three basic forms: woven (looks like mailbag sacking), needle punched (looks like felt), or heat bonded (looks like ironed felt). Geotextile composites have been introduced, and products such as geogrids and meshes have been developed.



## FIRE, SAFETY & ANTI-SLIP MATERIAL

## HIGH QUALITY SAFETY MATERIALS

Safety materials are a set or group of selected safety materials for clients and customers to choose from. They include different types with different applications. Safety materials are any materials specifically designed to minimize injury or death. They may be built directly into a product, or they may be a stand-alone product. Work-related examples include shatterproof safety glasses, steel-toed work boots, harnesses, tie back lanyards, traffic cones, car stoppers, etc.































#### **PVC CORNER GUARDS**

High-impact corner guards protect exposed and vulnerable corners against the roughest treatment. High-impact corner guards are fitted with .080 inch thick vinyl covers that are mounted on .080 inch thick aluminum retainers. End caps are molded from .100 inch thickness material. High-impact corner guards are installed at corners that would be damaged by moving objects which can cause gouges, scratches and scuffs on interior walls and partitions, door frames, rectangular columns, service counters, displays, cabinets and plinths used in retail stores, hotels, etc.



#### **FIRE SEALENTS**

These are used to seal openings and joints in a fire resistance rated structures including walls, and floors. Intumescent fire sealants include adhesives, fire cements, and sealants that provide fire retardant and or heat resistant properties. Fire sealants provide a tight and dependable seal against fire, smoke, toxic fumes and moisture. Ideal for new construction or retrofitting in a wide variety of applications such as metal, plastic, insulated and glass pipes, construction gaps, dynamic joints, HVAC ductwork, and insulated cables.



#### **ANTI-SLIP MATERIALS**

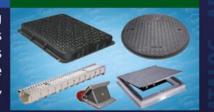
Anti-slip materials are used to stabilise objects, improve grip and stop things slipping in numerous situations around the home, for example during rehabilitation and therapy sessions and in the industry, marine and music sectors. They have many applications and can be used in different situations e.g. in garages, cars, planes, marine applications etc. Anti-slip materials range from rubber anti-fatigue mats, anti-slip mats, anti-slip tape, rubber staircases, and many more.



### **DRAINAGE SYSTEMS**

#### **ACCESS COVERS AND GRATINGS**

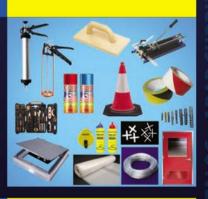
A manhole or access cover is a removable plate which forms the lid over the opening of a manhole to prevent anyone from falling in and to keep unauthorized persons out. They usually weigh more than 50 kg, are often made of cast iron, sometimes with concrete in-fills, sit on a metal base, with a smaller insert rim which fits the cover. The grating is a framework of metal bars in the form of a grille set into a wall, pavement, etc., serving as a cover or guard but admitting air and sometimes light.



## **GENERAL BUILDING MATERIALS**

#### **BUILDING MATERIALS**

General building materials are a variety of selected construction and building materials which are normally used by different construction and engineering companies in different applications. They include natural and artificial materials and products used for the construction and repair of buildings and structures. There are many different purposes, and the operating conditions of buildings and structures account for the variety of demands placed on building materials and for the great diversity of available materials. These range from caulking silicone guns, tools for home use, spray paint, joint compounds, chalk lines and reels, tile cutters, gasket makers, and many more.



#### CASTER WHEELS

The scaffold caster wheel is made of a cast-iron wheel with a rubber overlay that is 2 inches wide with more than one inch of rubber covering the iron caster wheel. There are ball bearings in the pivot mechanism to handle high loading. Double zinc grease fittings. Double lock to maintain rigidity. Locks to prevent wheel pivot and locks to prevent the scaffold caster wheel from rolling. Upper steel body is galvanized. Hole location on stem is 3.25 inches from the base is galvanized. Hole location on stem is 3.25 inches from the base.































# **GN GROUP OF COMPANIES**











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