

# THE DIFFERENCE IS ...

- **Agility**
- **Innovation**
- **Intuition**

To perceive, create, renew, and swiftly deliver, whatever is needed



## THE DIFFERENCE IS

### INTUITION

Sensing, understanding and anticipating the needs of our customers, markets, and environment is what makes the difference.

### INNOVATION

Combining Information with our knowledge of science and technology is what makes the difference. Our team of engineers, scientists, designers and architects work around the clock creating new products that can change our world.

### AGILITY

Diversified technologies, resources and our ability to adapt with creativity and speed is what makes the difference. An enormous wealth of intellectual and physical capabilities makes Harwal a unique source for diverse processes and products.



### HAROUT OHANESIAN CHAIRMAN & C.E.O

"Our aim has always been to provide innovative and high quality products and services that meet our customers' needs. We are sensitive to our most valued resources, our people, and to the environment while maintaining our fundamental values and achieving long term success."



## HARWAL MANUFACTURING

At a crossroad between East and West, our manufacturing base is strategically located between our various distribution centers in North America, Europe, the Middle and Far East.

Through this strategic positioning, we are able to be close to our customers, recognize their needs and deliver economically advantageous products.

With abundant raw material resources, supply of energy, a solid industrial infrastructure and a large pool of human resource from all over the world, the Gulf is an ideal manufacturing base for Harwal.

Through this combination, we are able to deliver innovative products that meet our customers' needs and support them worldwide.



Harwal's founder established his first business in 1938. It has since transformed into a management holding with diverse manufacturing companies in the United States, Europe, the Middle East and the former Soviet Union. The Group's primary business is based on plastic, wood and metal products including Plastic Compounds, Building Materials, Pipeline Systems, Housing Systems, Shelters, Electrical Products, Household Items, Storage Containers, Garden Sheds, Packaging Materials, Outdoor Products, Refrigeration, Boat Building, Furniture, and much more.

The technological and manufacturing capabilities of the Group are evident by the diverse product range and volumes that are produced by the Group companies. With an annual conversion capacity of over 200,000 metric tons of plastic and 20,000 tons of aluminum and steel, the Group is at the forefront of its respective industries.





## TECHNOLOGIES AND SERVICES

### PLASTICS PROCESSING

- Recycling
- Compounding
- Sheet Extrusion
- Pipes & Profiles Extrusion
- Injection Moulding
- Blow Moulding
- Thermoforming
- Polyurethane Foam
- PE / PVC Blown Film
- Compression Moulding

### ENGINEERING

- Designing
- Quick prototyping
- Custom Machinery
- Moulds and Dies
- Control Systems
- Electromechanical
- Electroplating
- Metal treatment
- Galvanizing



### PRINTING

- Artwork Preparation
- Color Separation
- Image Setting
- Etching
- Silk Screen Printing
- Offset Printing
- Gravure Printing
- Flexographic Printing
- Hot Stamping
- Lamination



### WOOD WORKS

- Interior Furnishing of Yachts
- Furniture Manufacturing
- Cabinets and Wardrobes
- Joinery and Wood Works



### OTHERS

- Production of Inks
- Building Contracting
- Boat Building
- Bottling
- Packing
- Testing Labs
- Advertising
- IT Programming
- Assembling



### METAL WORKS

- Furniture Manufacturing
- Slitting and Roll Forming
- Sheet Metal Fabrication
- Coil Coating and Lamination
- Powder Coating
- Stamping

## QUALITY

At Harwal Group, we believe it is our duty to deliver quality products and services to all our customers. Our Group manufacturing companies are certified by ISO 9001/2000 and various other independent certifications. Our in-house quality control laboratories and teams ensure that all products meet and surpass industry standards.



## SUSTAINABLE DEVELOPMENT

Responsibility towards the environment is a universal concern. At Harwal, we feel it is our responsibility to ensure that our products and processes do not adversely affect the environment. Our recycling facilities process all scrap we generate as well as that of other companies. Wherever possible our products are biodegradable and CFC free.

- We preserve our forests by developing products to substitute wood.
- We Recycle water used in our manufacturing processes.
- We save energy by upgrading equipment.



## GROUP COMPANIES



UAE - KSA - QATAR - FRANCE - UK - RUSSIA

- Plastic compounds
- Electrical systems
- Aluminum composite panels
- uPVC door & window profiles
- Flexible packaging
- Luxury shopping bags
- Industrial films and bags
- Industrial thermoformed products
- Plastics recycling
- Vinyl fences
- Sheds
- Vinyl Fences
- Sheds, shelters, garages & cabanas



UAE - KSA - QATAR - FRANCE - UK - RUSSIA

- Infrastructure pipeline systems
- Plumbing systems
- Insulated containers
- Keep Cold iceboxes & water coolers
- Commercial thermoformed products
- Disposable products
- Waste containers & jerry cans
- Plastic furniture
- Garden products
- Luggage
- Plastic pallets
- Plastic crates
- Luxury & plastic shopping bags



UAE - KSA - QATAR - RUSSIA

- Roof and wall cladding
- Insulated composite panels
- Unitized glass system
- Seamless roofing system
- Doors, windows & sliding systems
- Cold rooms
- Insulated vehicle bodies
- Factory manufactured houses
- Portable cabins
- Telecom shelters
- Stainless steel kitchen & laundry equipment
- Industrial storage racking systems
- Galvanizing service
- Coil coating service
- Merchandising refrigerators & freezers



UAE

- Banquet & conference furniture
- Outdoor furniture
- Restaurant furniture
- Educational furniture
- Office furniture
- Interior fit-out
- Doors



USA

- Vinyl decking
- Sheds, shelters, garages, cabanas & patios
- Window shutters
- Vinyl fences



UAE

- PET preforms and bottles



UAE

- Fruit juices
- Carbonated drinks
- Drinking water
- Contract beverage filling



UAE

- Ceiling & partitioning systems



UAE - KSA - QATAR - RUSSIA

- Seamless roofing system



RUSSIA

- Plastic pipes and fittings
- Plumbing systems



RUSSIA

- Metal building structures
- Structural tubes
- Pre-engineered building systems and metal decking



RUSSIA

- PVC door & window systems
- Pre-insulated pipeline systems for water & oil applications



UAE

- Aluminum ingots & sows
- Aluminium recycling



UAE

- Plastics recycling



ARMENIA

- Carbonated drinks
- Fruit juices & beverages



ARMENIA

- Roll forming machinery & dies



ISLE OF MAN

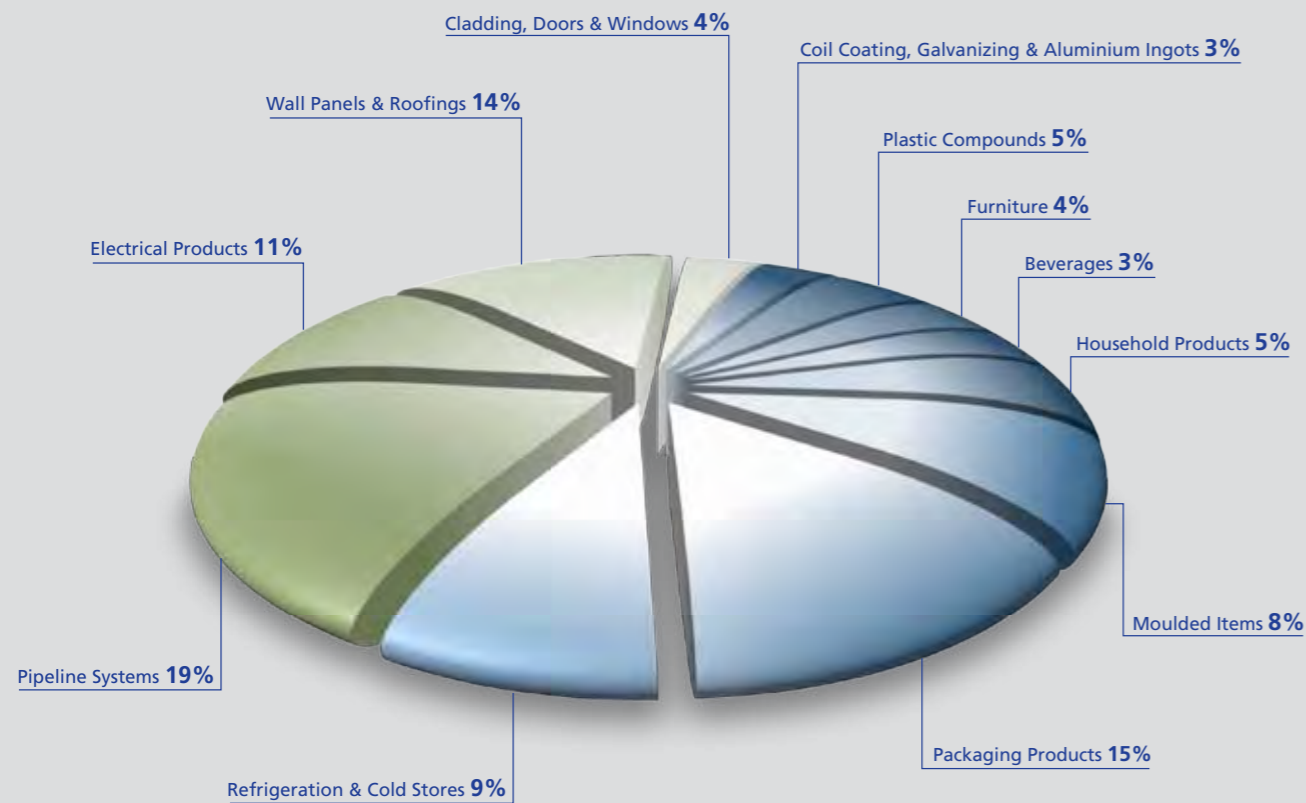
- Luxury yacht chartering & sales brokerage



## PIE CHART

Building Products 57%

Consumer & Industrial Products 43%



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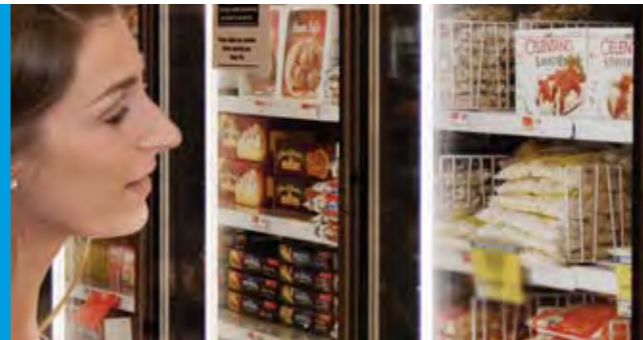
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# BUILDING MATERIALS



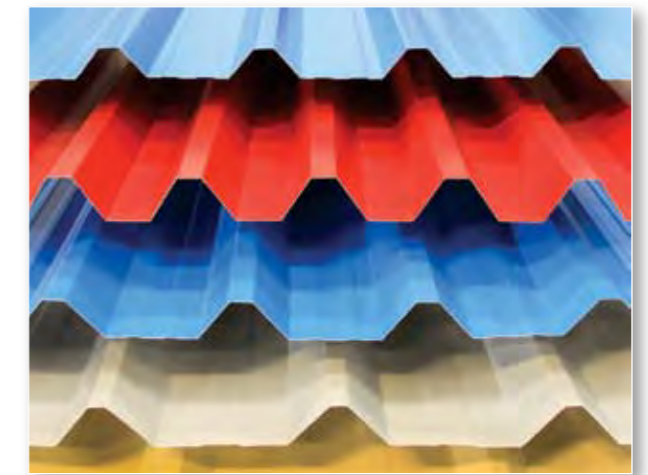
# BUILDING MATERIALS

## ROOF & WALL CLADDING

Harwal Group manufactures various modular metallic components that meet all the needs of the construction industry. The most notable of these are the corrugated metal sheets in a wide variety of profiles. These profiled sheets offer architects and designers a range of choices for roof and wall cladding such as internal linings and external cladding for industrial and commercial buildings.

The panels are manufactured to exact measurements to fit perfectly and mount without mastic (dry joints) assuring short construction time and cost-savings. Designed to tolerate high static characteristics with reduced weights, minimum labor requirement and rapid execution, these sheets guarantee the optimization of the structure's realization costs.

- Manufactured to site measurements, eliminating wastage and installation complications.
- Available in an array of aesthetically pleasing colors.
- Minimizes labor requirements for execution.
- Easy to dismantle for building transformations.
- Modifications and extensions can be easily done.





## INSULATED COMPOSITE PANELS



The complete system of pre-insulated monolithic composite panels manufactured by the Group offer excellent acoustic and thermal insulation for building roofs and walls for various kinds of industrial and civil structures.

The unique sandwich construction of the composite panel is a result of injecting rigid polyurethane foam at high density between two rigid facings. With the combination of a variety of quality facing materials, TSSC offers a wide choice of sandwich panels.

- Compliant with the most stringent life expectancy and structural demands.
- Offer excellent acoustic performance, fire resistance and thermal insulation.
- Differentiated sections of corrugations offer structural characteristics to the building.
- Plain and corrugated finish.
- Pre-painted and mill finish in Aluminum, Aluzinc and galvanized steel.



### Applications

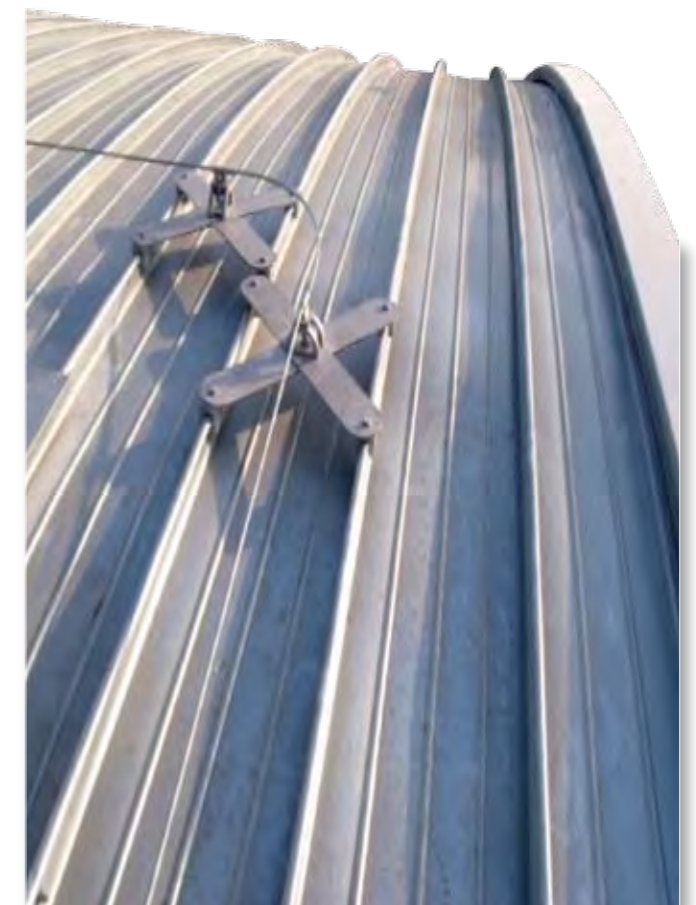
- Ceiling and Wall panels.
- Internal Linings.
- Fascias and Barge Doors.
- Decorative finishes for buildings.
- Weatherproof layer for the roof.



## SEAMLESS ROOFING SYSTEM



BASCO Seamless Roofing System caters to the advanced roofing needs of the Middle East region. It is a unique roofing system where sheets are joined together using a snap lock system. The seamless flat roof metal covering system is used in industrial and civil buildings and complies with the latest architectural trends. With its essential shape, aesthetic appearance, constructive economies and outstanding technical properties, the seamless roofing system is the perfect balance between technology and appearance. The seamless roofing system uses roll formed panels that are attached to the structural substrate through a concealed method enabling its use on many applications from low pitched roofs to vertical or horizontal ribbed walling. The seamless roofing panels are also available as insulated composite panels, to make the system energy efficient. Reducing energy loss will not only lower running costs and CO2 emissions but will also reduce the actual cost of the building itself by scaling down the size of refrigeration and air handling plants.





## LIGHTWEIGHT CEMENT WALL

EasyPanel, an innovative cement panel is used to build wall system that provide non-load bearing, fire and acoustic rated walls. Quick to erect, user friendly on site and highly versatile, these panels have helped many architects, developers and construction professionals achieve success in a variety of applications.

- Easy to assemble.
- Fire Resistant and Blast Proof.
- Economical
- Available in a range of colors and attractive finishes.
- Corrosion Resistant and low maintenance.
- Offers acoustic solutions.
- Resistant to wind loads.
- Easy to dismantle for use in modular construction.

**EASY PANEL®**

### Applications

- Ceiling and Wall panels.
- Decorative finishes for buildings.
- Fascias.
- Internal Linings.
- Internal and External Walls.



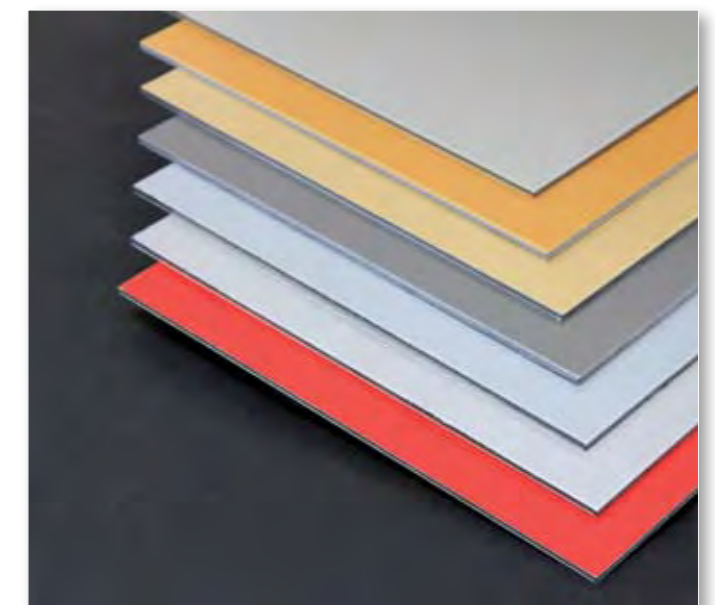
## ALUMINUM COMPOSITE PANELS

ALUPEX Aluminum Composite Panels, are a unique and versatile cladding material used in enhancing performance and aesthetics of modern building architecture. With the state-of-the-art technology of multi-layer extrusion lamination, two skins of non-corrosive special grade aluminum sheets are bonded on to the non-toxic polyethylene thermoplastic or a fire retardant mineral core to form a sandwich panel. The external skin surface of the aluminum composite panel is available in various finishes and colors made from PVDF paint coatings. The external surface is further protected by an easy-to-peel protective film.

- Superior strength-to-weight ratio.
- Life expectancy of up to 20 years.
- Surface smoothness.
- Easy Installation.
- Attractive Finishes.
- Reduces heat and sound transmission.

### Applications

- External Wall Cladding.
- Curtain Walls and Internal Finishes.
- Rooftop Edges and Wall Canopies.
- Stairways and Elevators.
- Advertising Display Sign Boards.
- Spandrels, Column Covers and Beam Wraps.



**ALUPEX®**  
ALUMINIUM COMPOSITE PANELS



## UNITIZED GLASS SYSTEM

Thermally broken and compartmentally drained, TSSC glass systems are designed for projects seeking the highest international standards. The curtain walls are sealed, internally and externally with frame gaskets and factory injection molded vulcanized corner joints to provide high performance solutions for new and refurbished buildings. They are able to handle all loads (including dead load, wind load, seismic load, thermal load, blast load etc.) as well as keep air and water from penetrating the building envelope. The curtain walls are designed to accommodate double glazing options and can withstand calculated design wind pressure for various locations.

- Lower field installation costs.
- Allows flexibility in design.
- Provides an aesthetic sense to the building.
- Weather resistant.



## DOORS, WINDOWS & SLIDING SYSTEMS

Harwal Group is committed to quality, precision and innovation and that makes the company's products a first choice among architects, and designers in the commercial building sector. Our doors and windows division supplies aluminum facades, windows and doors to both commercial and residential construction markets. An extensive range of products include shop fronts, curtain walls (from low rise to high rise), doors (sliding and hinged), glazed residential windows and secondary glazing. As a leading provider of door systems, we offer a range of designs that can be configured to best suit the access requirements of most entrances.

- Manual, automatic and security doors
- Sliding and revolving systems
- A wide array of finishes and designs
- Sound insulation, heat preservation and dustproof protection.

Manual, automatic and security door systems are available in a wide array of finishes and designs and can be provided in both, sliding and revolving systems, based on customer requirements. Our elegant doors and sliding systems are recommended for theatres, banks, restaurants, offices, hospitals, furniture centers, shopping malls and exhibition centers, etc.

### Applications

- Buildings New or Old
- Banks and Offices
- Theaters and Shopping malls
- Restaurants and Hospitals





## uPVC WINDOW PROFILES

Duramax uPVC door & window profiles perfectly combine aesthetics, economics, durability, and security. With a co-extruded UV protection layer specially suited for the harsh weather conditions of the Gulf region our uPVC doors and window profiles provide additional thermal protection.

- Double glazed Energy Efficient windows
- Welded joints ensure there is no air gap.
- Various shapes and arches.
- Fire Retardant.
- Antistatic Property.
- Wooden finish laminates.
- Maximum water tightness and wind resistance.
- Smooth surface for easy cleaning.



## DOORS

Duramax offers an extensive range of elegant doors made of uPVC, Aluminum, Wood and Metal. We have the perfect selection of external doors in a wide variety of styles and materials for residential and commercial applications. Our doors are available with the safety and security features of traditional fire rated products with added benefits of improved thermal insulation, sound proofing, low maintenance and a variety of security options.

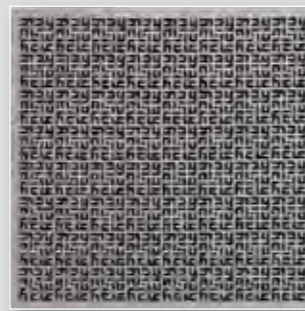
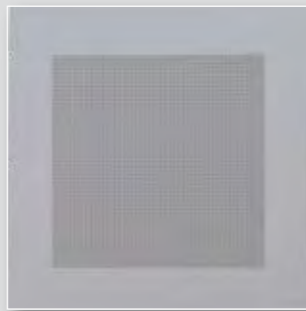
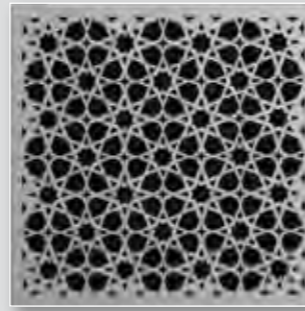
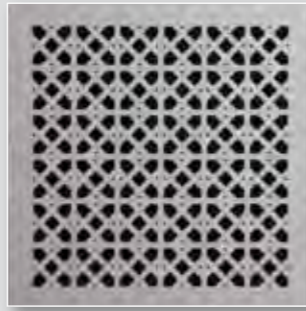




## CEILING & PARTITIONING SYSTEMS

TechnoMec is a leading building materials supplier providing installation and supply of all types of suspended ceilings and partition systems. A wide range of false ceiling systems, complete suspension systems, custom made suspended ceiling systems and dry wall partitions, are manufactured to meet today's architectural and design requirements.

- Flexibility in installing and dismantling.
- Hook on / Lay on systems allow heavy loading.
- Product range is aesthetically pleasing and is available in an array of designs.
- Gypsum panels backed with aluminum foil provide insulation against high humidity and extreme high temperatures.
- Metal ceiling tiles with a range of perforation patterns allow functional performance requirements for individual applications.



**TechnoMec**



## VINYL DECKING



Duramax offers a line of vinyl decking that delivers the beauty of traditional wood decks in a low maintenance and durable polyvinyl. Using a proprietary cellular PVC capstock, Dura Deck offers a surface that has the look and feel of a wood surface. The rigid vinyl base delivers tremendous strength for wide spans allowing the deck to be mounted right over existing wood joists. Unlike composite decks, DuraDeck will not sag or warp under the sun. In fact, it stays cooler to the touch under even the hot sun.

**DURADECK**

## PATIO COVERS

Low-maintenance vinyl patio covers have become the product of choice of landscape designers, architects, and homeowners. These solid structures have an impressive look and feel.

- Unlike wood, vinyl will not rot, warp, crack, attract termites, or ever need painting.
- Unlike aluminum, vinyl is quiet in the rain and will be cool to the touch under the sun.
- Patio covers are engineered to meet local engineering standards.
- Available in various colors.



**DURAMAX**  
BUILDING PRODUCTS



## VINYL FENCES

Duramax vinyl fencing is designed to deliver a low maintenance and durable solution to all fencing needs. Using state-of-art coextrusion technology Duramax vinyl fences can stand up to the most demanding weather conditions of the region. The fences do not use screws that rust or brackets that crack. A route-and-lock construction ensures that all parts are interlocked and will never pull apart. A wide range of fences such as picket fences, privacy fences, perimeter fences and pool fences are available with complimentary aesthetic caps.



## DURAWALL

Durawall is designed to replace traditional stone and brick walls with a durable vinyl reinforced steel structure. They eliminate the common problems found in traditional masonry walls of cracking and deterioration caused by shifting of the ground and weather etching of stone. They are easy to install, wind tested to withstand high winds, act as sound barriers and are stable in all weather conditions.



- Unlike Traditional Walls, will not crack from ground movement.
- The Look and Feel of Real Stone Wall.
- Easy to Replace.
- Low Maintenance Durable Vinyl Surface.
- Strong Steel Frame structure.
- Fire resistant.
- Graffiti Resistant.





## WINDOW SHUTTERS

ShutterSMART is a low maintenance alternative to traditional wood window shutters. Made in the USA, ShutterSMART's Polyclad Hardwood Shutters are energy efficient and completely free of paint, formaldehyde and VOCs. They're fully recyclable, and unlike wood shutters, will not fade, chip, warp, crack or peel. Each shutter is custom built with a hardwood core that is clad with a poly surface. The solid wood construction delivers the strength of a wood shutter, while the polyclad surface is low maintenance, easy to clean and elegant.



## SHEDS, SHELTERS, GARAGES, CABANAS

Whether looking for Vinyl or Metal Sheds, Utility Buildings, Garages, Insulated Cabanas or Greenhouses, Duramax® has fast become a worldwide brand. Available in a wide variety of sizes, styles and colors, these products provide safe and secure storage for the vehicle, home, vacation or commercial property. The assembly is simple, clean, safe and the products offer superior design, fit and packaging.



- Durable and long lasting
- Eliminates painting or treating of wood.
- Fire Retardant.
- Easy to install.
- Reinforced with metal inserted columns for greater rigidity and strength.
- Available in a variety of sizes, colors and styles.



### Applications

- Military sheds.
- Garden sheds.
- Car shelters.
- Industrial Storage.
- Green Houses.
- Temporary Housing.



## PORTABLE CABINS

Prefabricated housing buildings designed and built to be movable or permanently located offer solutions to the construction and housing needs of offices, labor camps, schools, commercial work modules and even residential villas. These portable buildings are designed to be carried to or from site on a large trailer and can be slung on and off by a crane.



## TELECOM SHELTERS

Under the factory built units division, the Group manufactures pre-fabricated shelters that include controlled environment shelters for GSM telecommunication, radar equipment shelters and air-quality monitoring shelters. TSSC Telecom shelters are custom built, with particular attention to details, most importantly the electrical component specifications and anti-static requirements. In addition, the shelters will withstand harsh environmental conditions, are transportable and can be easily erected on high rise buildings without any special installation methods. Designed specifically for outdoor use, these shelters are lightweight, can be quickly assembled and disassembled and are dust proof and water proof.



## FACTORY MANUFACTURED HOUSES

As a pioneer in manufacturing of polyurethane injected / laminated insulated panels we specialize in designing and manufacturing permanent pre-engineered housing buildings. Utilizing fully insulated roof, wall, partition and door panels, the building provides exceptional thermal insulation resulting in low electricity and maintenance costs. Highly trained and experienced project management teams provide attention to detail and ensure safe and speedy execution of housing projects.

- Energy Efficient.
- Swift erection time compared to conventional buildings.
- Termite Resistant.
- Light weight and durable steel framed construction.
- Suitable for any climatic conditions.
- Flat-packed and bundled to reduce transportation costs.
- Aesthetic looks and appearance.





## INTERIOR FIT-OUT

The joinery and interior fit-out division of the Group that manufactures an extensive range of quality products for both commercial and residential customers. As a total joinery solutions provider, our highly automated joinery and lamination factory manufactures complete fitted kitchens, bedrooms, doors, carcasses, wardrobes and interior furnishings in a variety of finishes that include PVC Lamination, Solid Wood, Veneer and Stained Wood. Attention to detail, stringent quality measures and the ability to control all aspects of the project, from design to manufacturing to installation, ensures the highest standard and guarantees total customer satisfaction.



## STAINLESS STEEL KITCHEN EQUIPMENT

Modern kitchens are designed to reflect the individual needs of users, combining functionality with aesthetics. To meet this need, we offer a fully integrated range of stainless steel kitchens. With its rich luster and polish, stainless steel conveys a look of utmost sophistication and adds elegance to the kitchen décor. The stainless steel kitchen range includes sinks, cabinets, tables, trolleys, hoods, shelving, and various other equipment such as dryers, deep fryers, tray sliders, gastronome pans, shawarma grill and much more to compliment the range.





## ELECTRICAL SYSTEMS FROM



- Cable Management Systems in PVC and Metal



- Electrical Switches & Sockets



- Modular, WeatherProof, Electrical Switches & Sockets



- Circuit Breakers, Distribution Boards, Enclosures

## CABLE MANAGEMENT SYSTEMS

Interplast Electrical Systems provide the broadest line of electrical conduits, trunkings, switches, sockets and systems manufactured in the GCC meeting the highest quality standards and international levels of certification found only in premier global brands.

DECODUCT Cable Management Systems include conduits, trunkings, accessories, industrial cable management systems in PVC and metal and are manufactured to meet the Gulf Specifications as well as International standards. Decoduct Cable Management System has won the diamond mark certificate from ASTA BEAB of the UK confirming compliance with the relevant BSEN standards. ASTA BEAB is the reputable and relevant UK certification body for electrical products. DECODUCT LSF cable management systems meet all the mechanical and physical properties of rigid CMS and in the event of a fire, the emission of the smoke and fume is within safety levels and much lower than normal rigid CMS.





## ELECTRICAL SWITCHES & SOCKETS

The EDISON range of products includes switches, sockets, electrical wiring devices and accessories under the series Dura Finish, Designer, Royale and Nano. The range from EDISON comes with exotic designs and color schemes and can be offered in custom designs to match any décor. All wiring accessories are manufactured to Gulf and international specifications and our fully equipped laboratory is capable of carrying out all the tests specified by the relevant standards.

The EDISON Royale is a fully modular international range of switches, sockets & accessories that offers flexibility and is aesthetically pleasing. With an extensive selection of modules, it easily fits into a wall fixing back frame which are covered by various designs and colors of front plates.

The weatherproof series enables safe operation of equipment for exterior applications. The Nano range of wiring accessories are made from carefully finished genuine metal flat plates to match all architectural decors with impressive style. The Nano range also offers metal clad switches and sockets with anti corrosion protection for low voltage commercial and industrial applications.

**EDISON**  
ELECTRICAL ACCESSORIES



## CABLE PROTECTION SYSTEMS

As a substitute to concrete cable cover tiles, the protection tapes manufactured by the Group are particularly suitable as protective and warning markers and are lightweight for easy transportation, handling, storage and installation.

INTERGARD range includes PVC, HDPE and LDPE cable covers, boards and tapes for warning and protection of all kinds of cable distribution systems.

**INTERGARD**  
Cable Protection Systems



## LIGHTING, SWITCHGEARS AND METAL ENCLOSURES

Electrical distribution needs are continuously evolving in residential, commercial and industrial sectors. Improved operational safety and continuity of service are critical requirements. Understanding these changing needs Interplast introduced the DECOVOLT range of low voltage switchgears comprising of miniature circuit breakers, MCB ISOLATORS, MCB Distribution Systems and Fluorescent fixtures. DECOVOLT range of OEM manufactured products meet international IEC/EN standards. All DECOVOLT products are CE marked declaring conformity to European standards and safety regulations.

**DECOVOLT**  
DV





## PLUMBING SYSTEMS FROM



- uPVC Drainage Pipes and Fittings
- uPVC High Pressure Pipes and Fittings
- PP-R Pipes and Fittings
- PEX Pipes and Fittings
- HDPE Drainage Systems
- CPVC Pipes and Fittings
- Fabricated Plumbing Products
- uPVC Ball Valves
- Pipe Clamps & Supports
- Solvent Cements, Cleaners & Lubricants
- PE Compression Fittings

## uPVC DRAINAGE PIPES AND FITTINGS

Cosmoplast offers a wide range of uPVC drainage pipes and fittings covering a size range from 32mm up to 1000mm, providing the complete solution for our customers' piping needs. Our range of uPVC systems offers the most comprehensive line required to complete any domestic or industrial drainage system. Cosmoplast drainage pipes and fittings are manufactured with both solvent welding sockets and rubber ring (push fit) sockets, which satisfies the various requirements of projects, designers and installers. All our uPVC drainage pipes and fittings are manufactured and tested in accordance with the new British - European standards and awarded the BS Quality Kite Mark.



## uPVC HIGH PRESSURE PIPES AND FITTINGS

Cosmoplast uPVC high pressure pipes and fittings satisfy the increasing demand for American and European standard pipes and fittings for plumbing applications that demand high operating pressure, high levels of toughness, chemical and thermal resistance along with cost effective installations. Cosmoplast High Pressure uPVC pipes and fittings are widely used in:

- Distribution of cold water under pressure.
- Air conditioning Drain Systems.
- Piping networks for swimming pool facilities & rainwater utilization.
- Cold fluids circulation in industries.
- Transport of chemicals and corrosive fluids in industries.





## PP-R PIPES AND FITTINGS

Cosmoplast PP-R pipes and fittings are manufactured according to the German DIN Standards with sizes ranging from 20mm up to 160mm. The outstanding temperature rating up to 95°C and pressure rating up to 25 Bar make the PPR system the ideal solution for variety of applications including:

- Hot and cold potable water piping networks in residential and commercial buildings.
- Heating Systems.
- Chilled water networks in air conditioning systems, as an effective lightweight and corrosion free substitute for steel pipes.
- Transport of a wide range of chemicals in the industry.
- Piping networks for rainwater utilization systems and swimming pool facilities.
- Compressed air installations and other industrial applications.



## PEX PIPES AND FITTINGS

PEX pipes are manufactured to the German DIN Standards from cross-linked high-density polyethylene material. PEX pipes are used for long term applications in extreme levels of cold and hot fluid transmission. These pipes require few directional fittings due to its high flexibility and strength. PEX pipes can be used for applications ranging from sub zero temperature up to 200 degrees Fahrenheit. Some of the applications of PEX pipes include:

- Hot & cold water distribution.
- Industrial Applications.
- Compressed air distribution networks.
- Radiators and Under-flooring heating systems.
- Transportation of chemicals in the industry.



## HDPE DRAINAGE SYSTEMS

Cosmoplast HDPE drainage system is the ultimate solution for all types of drainage applications including soil and waste, above and below ground and chemical waste. These pipes and fittings are manufactured according to the latest European EN standards and can be joined by butt-fusion, electro-fusion, flanges or rubber ring joints. The characteristics of the PE Drainage system such as the outstanding chemical resistance, high temperature rating, flexibility and low noise make it the ideal selection for residential and industrial buildings, laboratories, hospitals and hotels.



## CPVC PIPES AND FITTINGS

Characterized by unique thermal, physical and mechanical properties CPVC is desirable for piping applications which require high temperature rating, high impact resistance and fire resistance. Manufactured to various international ASTM / DIN standards our high pressure CPVC pipes and fittings are widely used in:

- Hot and cold water distribution in residential, industrial and public buildings.
- Transportation of hot water in Heating Systems.
- Piping networks for sprinkler fire fighting systems.
- Water and waste water treatment systems.
- Air Conditioning Drain Systems.
- Piping networks for swimming pool facilities & rainwater utilization.
- Irrigation networks - sprinkler piping and municipal projects
- Transport of wide range of chemicals and corrosive fluids in the industry.





## FABRICATED PLUMBING PRODUCTS

Cosmoplast presents a wide range of custom made fabricated fittings and accessories made of uPVC, HDPE, ABS, polypropylene or GRP materials to suit different application areas in sewerage, water supply, irrigation, soil and waste applications. Examples of Cosmoplast fabricated items include Grease traps, Gully Traps, Dry manholes, Catch basins, Sand traps, and Bell Mounts.



## PIPE CLAMPS AND SUPPORTS

A wide range of pipe clamps and supports manufactured to the highest quality standards are supplied by Cosmoplast. These clamps and supports are widely used in drainage, water supply and Fire Fighting systems, and are applicable for most of the piping materials including uPVC, ABS, CPVC, PPR, and GI to name a few.



## SOLVENT CEMENTS, CLEANERS, LUBRICANTS & COMPRESSION FITTINGS

As a provider of complete plumbing solutions Cosmoplast also supplies the highest quality solvent cements, cleaners, and joint lubricants manufactured by the top manufacturers in the world. These products are manufactured to ASTM standards and certified by NSF. A wide range of PP compression fittings are also supplied by Cosmoplast for use in high pressure applications using polyethylene pipes. These fittings are manufactured by the top European manufacturers according to the highest European standards.



## uPVC BALL VALVES

Manufactured to the American ASTM and European EN standards, Cosmoplast uPVC ball valves satisfy the requirements of water supply systems and irrigation networks. The unique design of these valves and the implementation of built in unions enable easy installation and maintenance.





## INFRASTRUCTURE PIPELINE SYSTEMS FROM



- uPVC Pipes and Fittings for Main Water and Sewerage Lines
- HDPE Pipes & Fittings
- GRP Pipes & Fittings
- Pre-Insulated Pipes & Fittings
- LDPE Pipes & Fittings
- uPVC & GRP Wellcasings & Screens
- uPVC & GRP Fabricated Manholes
- Telecommunication Duct Pipes
- Re-inforced Thermoplastic Pipes

## uPVC PIPES AND FITTINGS FOR MAIN WATER AND SEWERAGE LINES

Cosmoplast uPVC pipes and fittings for main water and sewerage lines are manufactured to the latest international standards with sizes up to 1200mm and are supplied to major infrastructure projects in the region. Cosmoplast uPVC pipelines are manufactured to various international standards (DIN, EN, BS, ASTM etc) to satisfy the requirements of the various markets and sectors and are used in the following applications:

- Main water distribution lines for cities.
- Main Drainage and Sewerage lines.
- Pipelines for pumped sewage systems networks.
- Industrial process pipelines.
- Agricultural and golf course irrigation main lines.



## HDPE PIPES & FITTINGS FOR MAIN WATER AND SEWERAGE LINES

Cosmoplast HDPE pipes and fittings for main water and sewerage are manufactured to the latest international standards with sizes up to 1400mm and are supplied to major infrastructure projects in the region. Cosmoplast polyethylene pipelines are manufactured to various international standards (ISO, DIN, ASTM,...etc) to satisfy the requirements of the various markets and sectors and are corrosion resistant with smooth bores which guarantee smooth water flow and minimize sediment build up. HDPE pipes eliminate the cause of odor, taste and turbidity. Combined with high quality jointing techniques HDPE pipes are considered the most suitable for water and drainage service and distribution lines.





## HDPE AND MDPE GAS PIPES

Cosmoplast pipeline systems include Polyethylene pipes for gas distribution, produced from high density and medium density polyethylene materials. These pipes are made in yellow or orange color, the universal color code for fuel gas lines. The pipes are strong, flexible and light in weight, offering easy installation. Polyethylene pipes ranging in sizes from 20mm to 1200mm are manufactured according to various international standards depending on customer specifications.



## GLASS REINFORCED PLASTIC (GRP) PIPES AND FITTINGS

GRP pipes and fittings are manufactured conforming to various international standards and employ the filament winding manufacturing technique. The product range includes pipes and fittings in sizes ranging up to 2000mm in diameter and manholes up to 2000mm in diameter. The various applications for which GRP pipes are used include:

- Potable water distribution.
- Drainage and Sewerage.
- Irrigation.
- Sea water intake.
- Pipe jacking.
- Micro Tunneling.
- Ducting.
- Pre-insulated pipes for district cooling and oil and gas Application.



## uPVC & GRP WELL CASINGS AND SCREENS

Cosmoplast well casings and screens are widely used in water well extraction in the Gulf region. We offer a comprehensive solution through our extensive range of casings and screens in uPVC and GRP. The uPVC double walled deep well casings provide the best solution to water extraction in the most remote areas of the Gulf region that require wells of up to 600m depth. The GRP casing and screen system has many advantages over the steel pipes used in deep well applications. Some of the key advantages of Cosmoplast casing and screens are:

- Lightweight & corrosion resistant.
- Easy to install.
- Ideal for remote irrigation areas.
- Available in diameters up to 1200mm.
- Additional filtering options through Granule pack and Gravel Pack.
- Continuous slotted pipe and perforated pipes for easy water flow.



## PRE-INSULATED PIPES AND FITTINGS

Pre-insulated pipes are manufactured for district cooling, oil and gas and other industrial applications using both insulation methods of injected foam or sprayed foam as per customer requirement. The core pipe can be supplied in Polyethylene (PE), cross linked polyethylene (PEX), steel or Glass Re-enforced Plastic (GRP) pipe and the jacket pipe is made of either high density polyethylene or GRP pipe. While the core pipes can range in sizes from 20mm upto 1500mm, the jackets can be made up to the size of 2000mm in diameter. Cosmoplast also supplies leak detection systems for district cooling applications. The different types of jacket core pipe configurations include: HDPE - HDPE , GRP - HDPE , HDPE - GRP, GRP - GRP, HDPE – Steel, and GRP – Steel.





## uPVC AND GRP FABRICATED MANHOLES

Fabricated uPVC manholes with sizes ranging up to 1,200mm in diameter and GRP manholes of up to 2,400mm in diameter and any specified height can be fabricated in the company's facilities. Manholes are the largest entry chambers providing access to a sewer or drainage system for maintenance equipment and inspectors. The applications for which manholes can be used include:

- Drainage and sewerage systems.
- Foul water overflow.
- Soil and waste.
- Chemical plants.
- Large pipeline junctions and valve boxes.



## TELECOMMUNICATION CABLE DUCTS

The telecommunication ducts are HDPE duct pipes pre-lubricated with silicone core suitable for telecommunication and fiber optic cables. They are derived by combining the strength and flexibility of PE material with a suitable lubricating layer on the inner surface of the ducts.

Cosmoplast telecom ducts are suitable for cable installation by blowing technique or pulling by rope. Directional drilling can also be used to install electrical and/or telecommunication ducting in below ground applications, or heavily built up areas. Our cable ducts offer extremely low friction properties, are strong & flexible and highly suitable for fiber optic cable installations.



## RE-INFORCED THERMOPLASTIC PIPES (RTP)

Reinforced thermoplastic pipes for oil and gas applications are manufactured in collaboration with Technip and have a pressure rating of 150 Bar at 60 degrees Celsius. These pipes are supplied in coils with lengths up to 500m. Reinforced thermoplastic pipes are preferred over steel pipes due to their easy and fast installation. Some of the applications of reinforced thermoplastic pipe include:

- Gas distribution networks.
- Oil flow lines.
- Water injection lines.



## LDPE IRRIGATION PIPES

LDPE, LLDPE (linear low density polyethylene) pipes are high precision drip pipes manufactured according to the ISO 9261:2004 standard for irrigation purposes. The drip pipes are also manufactured to customer specific standards. Landscape and lawn edging is also manufactured as part of the irrigation systems supplied by the company.





# INDUSTRIAL PRODUCTS



# INDUSTRIAL PRODUCTS

## INDUSTRIAL STORAGE SOLUTIONS

With state of the art manufacturing facilities that include a fully automated powder coating line and fabrication units, Harwal Group is one of the leading suppliers of racking systems in the Middle East region. We manufacture a range of customized industrial storage & warehouse solutions are manufactured by TSSC to meet the storage needs of various industry sectors. The range can be broadly classified as:

- Selective Pallet Rack.
- Drive-In Rack.
- Multi-Tier Rack.

To compliment the range, we also manufacture and supply Galvanized Gratings and Converter to meet all warehouse needs of our customers.





## COIL COATING



CoilCoat is a highly efficient coating plant that coats aluminum, galvanized and aluzinc coils. Three coating lines exist within the Group that coat and laminate polyester, PVDF and Plastisol with embossed textures. Harwal Group uses innovative coil coating production methods and processes that generate consistent production runs. CoilCoat caters to many leading manufacturers of roofing, cladding, composite panels, ceilings, window blinds, sporting goods and appliances.



## GALVANIZING SERVICE

One of the recent additions to the services provided by the Group is galvanizing. With state of the art facilities for coating and testing, the Group provides galvanizing services conforming to various international standards. With a capacity of 50 tones per day materials up to 14m in length can be galvanized in the company's facilities.





## HOT-ROLLED STRUCTURAL STEEL

Harwal Group produces hot-rolled structural steel sections for pre-engineered buildings in accordance with international standards. The sections are supplied in standard lengths and bundle configurations. The structural steel sections are produced from various alloys and can be produced in a number of shapes and sizes such as beams, columns, channels, equal and unequal angles, tees, sheets, hot-rolled bars and plates.

The mechanical, thermal and welding properties along with the guaranteed strength of hot-rolled structural steel make it suitable for many applications such as:

- Building and Construction
- Transport
- Equipment Supporting Structures
- Simple Pressure Vessels
- Chassis Parts



**SZMK®**



## COLD-FORMED STEEL

Cold-Rolled sections and profiles produced by Harwal Group are extensively used in the construction industry. The products supplied to the industry primarily include Structural tubes and metal decking.

Cold-forming is done at room temperature using rolling or pressing processes. Cold-rolled steel offer reduced thicknesses, enhanced surface finishes and forming characteristics, and high-strength grades.

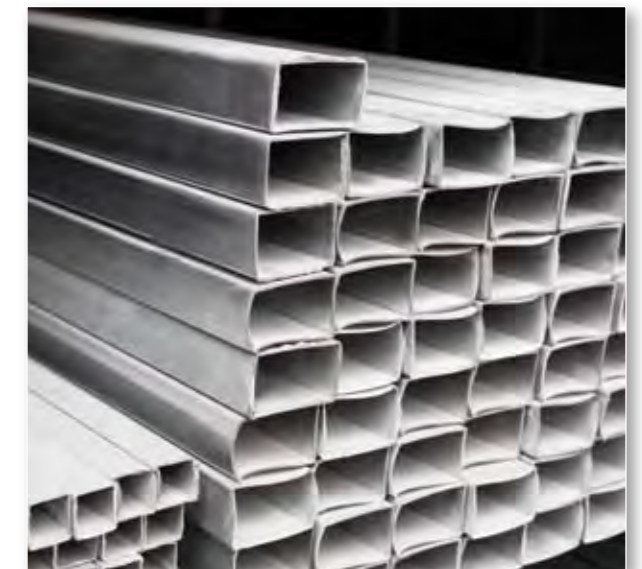
- Light weight
- High strength and stiffness
- Ease of prefabrication and mass production
- Fast and easy erection and installation
- Non shrinking and non creeping at ambient temperatures
- No formwork needed
- Termite-proof and rot proof
- Economical in transportation and handling
- Non combustibility
- Recyclable material
- Panels and decks can provide enclosed cells conduits.



**SZMK®**

### Applications:

- Warehouse Shelving
- Tubing
- Domestic Appliances
- Steel Furniture
- Transmission Poles
- Frameless Stressed skin structures: Corrugated sheets or sheeting profiles.
- Roof and Wall Systems for industrial, commercial and agricultural buildings (panels, decks)





ALUMINUM INGOTS & SOWS

Emirates Recycling supplies aluminum alloy ingots and sows to leading manufacturers of rolled aluminum sheet, plate, brazing sheet and extruded products for use in aerospace, building and construction, automotive, distribution and transportation industry segments.



The Group is one of the leading secondary aluminum recycling companies with an annual production capacity exceeding 18000 tones. We use the state of the art LOTTUS technology to melt aluminum scrap and produce both wrought and cast alloys. With great emphasis on quality, highest standards are maintained through the entire value chain right from the scrap sourcing up to the delivery of ingots. Our state of the art laboratory uses the ARL spectrometer to ensure consistent quality. We produce 1 ton alloy ingots, 500kg sows (cast blocks) and 7 kg ingots in compliance with international standards.

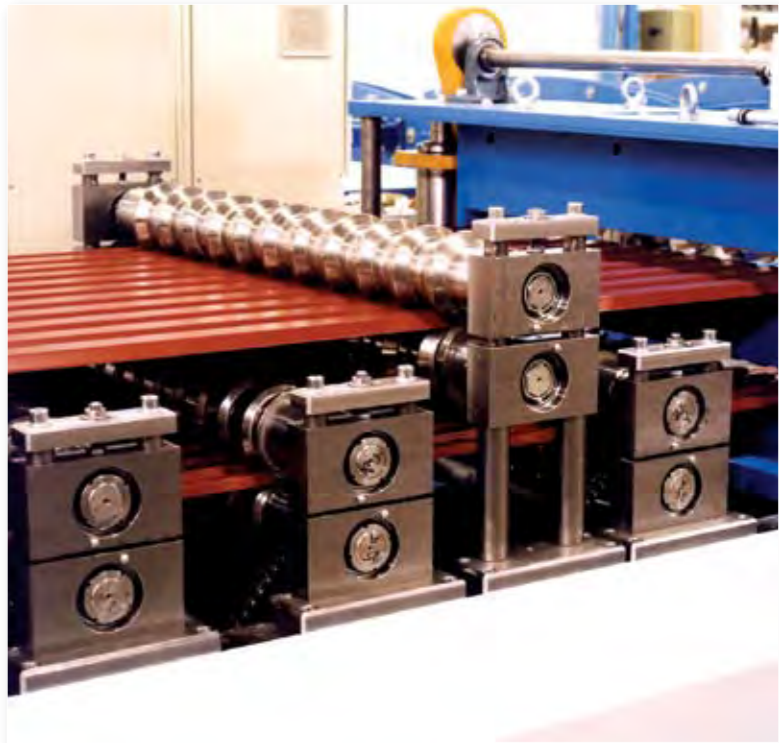


ROLL FORMING MACHINERY AND DIES



HARVAL MACHINERY LLC

Situated on a vast industrial complex and equipped with the latest multiple axis CNC lathe and milling machines, over 200 highly skilled engineers at the Harwal Group manufacture machinery for the metal roofing, siding, forming and lamination industries. Numerous companies in Russia, Kazakhstan, Ukraine and other CIS countries as well as the Middle East use machineries made by Harwal Group for their manufacturing processes.





INSULATED VEHICLE BODIES

As with the cold rooms, the high quality insulated panels are used to build insulated vehicle bodies. The insulated panels for vehicle bodies are manufactured in sizes of up to 7 meters in length and 3 meters in width, which are reinforced to give maximum strength and durability. We pride ourselves as one of the very few companies in the region to build vehicle bodies using only 6 panels, one for each side of the body. We are also one of the few companies who build refrigerated vehicle bodies using eutectic plates. These panels are used to maintain a certain temperature inside the insulated body for long periods even after the unit is disconnected from the power supply. Furthermore, movable partitions can be provided inside the insulated body allowing high flexibility in designing compartments.



COLD ROOMS

Being the largest manufacturer of insulated walls, ceilings and floor panels, TSSC is naturally the largest manufacturer of cold rooms in the Middle East. We install cold rooms for chiller and freezer applications and our product portfolio includes walk-in commercial cold rooms, warehouse cold storages, portable skid mounted cold rooms, off shore refrigerated containers and refrigerated vehicle bodies which can be manufactured as per customer specified sizes. Blast-freezers and blast-chillers are used for quick freezing and chilling applications where the temperature in the cold room need to drop as low as -40° C from the room temperature in the span of a few hours.





## WASTE CONTAINERS

Cosmoplast plastic products range offers comprehensive storage and waste management solutions with a full line of waste bins. Cosmoplast waste bins are light weight, strong and designed to complement all waste management needs, be they domestic or industrial.

These waste containers are available in various colors and sizes and are extremely sturdy and durable. Starting from small domestic waste baskets to large size industrial waste bins, the product range caters to all waste management needs.



## PLASTIC PALLETS

Cosmoplast plastic pallets are manufactured in standard sizes and capacities to withstand the static and dynamic loads as per customer requirements. The main types of pallets available are:

- Nesting Pallets.
- Industrial Pallets.
- Pallet Jacks.
- Injection Pallets.



These pallets are designed for easy and quick handling by forklifts and are ideal for warehousing as well as outdoor applications whether mounted on the racks or stacked on the floor. The pallets are suitable for use in food industry and conventional goods in addition to chemicals and pharmaceuticals industries and are 100% recyclable as these are made entirely from plastic polymers.





CRATES

To meet industrial storage needs, Cosmoplast plastic products range also includes plastic crates. The crates, built with rigid ribs, provide great strength making them ideal for all material handling, storage and transportation applications. The plastic crates are stackable, thus having more storage space.



PLASTIC COMPOUNDS

Harwal Group's advanced technological capabilities have resulted in it becoming the leading manufacturer of PVC compounds in the Middle East. Marketed under the trade name IP-HARWAL, The Group produces a range of compounds for a number of different applications. The various grades of PVC compounds supplied by the company are used to manufacture twist wrap film, pipes, fittings & hoses. The selection of polypropylene compounds from IP-HARWAL are used to manufacture cups, trays, pipes as well as Raffia bags. All bottle compounds produced by the company are suitable for food contact applications and can safely be used for packing edible oils and drinks. In addition, some general purpose compounds for manufacturing thick and thin-walled rigid profiles are also supplied by the Group. Furthermore, a complete range of plasticized cable compounds are produced in adherence to BS 7655. A range of flexible formulations are available for processing both extrusion and injection molding products. In addition to this, tailor made formulations to suit customer requirements can also be developed.





## INSULATED CONTAINERS

Combining style with exceptional performance, our strong and durable insulated containers are designed for the modern lifestyle. Manufactured under the brand name Cosmoplast, these containers are designed to meet the highest standards of durability and temperature control providing the absolute best in thermal insulation. The product range constitutes of:

- Insulated Thermal Jugs.
- Ice Substitutes.
- Keep Hot Containers.



Available in a wide variety of colors and sizes, these insulated containers are ideal for cold and hot applications and are perfect for picnics, outings and holidays.





## ICE BOXES AND WATER COOLERS

A wide range of ice boxes and water coolers are manufactured by the Group under the renowned brand name, Keep Cold. Over the years, Keep Cold has earned the reputation of being the market leader in the UAE and other GCC countries. The product range includes:

- Keep Cold Ice Boxes.
- Keep Cold Water Coolers.



These iceboxes and water coolers are made of high quality CFC free polymers using highly sophisticated manufacturing technology to provide them with the best thermal insulation. Available in various colors and sizes, Keep Cold ice boxes/coolers are made with strong hinges and handles to withstand rough handling.



## HOUSEHOLD PRODUCTS

Renowned for their outstanding functionality and quality the Cosmoplast range of plastic products include a diverse range of products for a wide variety of household needs. The products include:

- Buckets and Drums.
- Food Containers.
- Kitchen Utensils.
- Plastic Jugs.
- Storage Units.
- Basins.
- Waste Bins.
- Laundry Bins.



These products are manufactured from high-grade materials using modern manufacturing techniques, which make them durable and aesthetically pleasing.





## PLASTIC FURNITURE



Stylish, strong and lightweight, our range of Cosmoplast plastic furniture provides the ideal solution for indoor and outdoor requirements. The high quality of Cosmoplast products helps maintain our position as the leading brand of plastic furniture in the region. The furniture range includes:

- Plastic Chairs.
- Plastic Baby Chairs.
- Plastic Stools.
- Plastic Tables.



Easy to clean, stack and transport, our furniture range is available in a variety of colors and designs to meet the expectations of our customers.



## DISPOSABLE PRODUCTS

We provide comprehensive food packaging solutions for both domestic and industrial requirements. A wide variety of disposable packaging goods in plastic, aluminum, foam & paper are manufactured under the Cosmoplast brand using high quality raw materials and state of the art manufacturing technologies. Our product range includes:

- Aluminum Foils and Containers
- Cling Films.
- Food Containers.
- Drinking Cups.
- Plates and Trays.
- Plastic Cutlery and Straws.
- Decorative Wraps and Table Covers.
- Garbage Bags.

Making our team of highly skilled designers can assist you with all your branding and designing requirements making our disposable products range ideal for your business. We provide you with customized products that look unique and attractive at the point of sales.





## GARDEN PRODUCTS



The Group manufactures a wide range of stylish and contemporary planters for the modern home and garden. Our garden care products include:

- Flower Pots.
- Planters.
- Nursery Planters (Industrial).

**Cosmoplast**

These pots and planters are available in a variety of colors, sizes and shapes to perfectly enhance the beauty of your garden. Be it for home or a commercial project, you can find exactly what you need from our range of garden care products.



## LUGGAGE

Specialized in offering high quality luggage, Cosmoplast product offering include a variety of hard and soft luggage under the brand name Cosmo. Our luggage range includes

- Suitcases.
- Trolley Cases.
- Duffle Trolleys.



Cosmo luggage has been synonymous with quality and durability for years, a factor which has been crucial in gaining the unwavering trust of the entire region. Available in a wide variety of styles, colors, sizes and materials to suit your requirements, Cosmo luggage provides you with optimum comfort and convenience.





# PACKAGING SOLUTIONS

# PACKAGING SOLUTIONS

## FLEXIBLE PACKAGING

Harwal Group is one of the largest manufacturers of flexible packaging in the region with a comprehensive product range that meets the needs of diverse industries. Our product range include flexible packaging laminates (BOPP, CPP, PET, Alu Foil, LDPE), Shrink Sleeves, PVC Twist wraps, metalized twist wraps and wax paper, wrap around labels, Gift wraps, flower wraps and flower cones. Interplast flexible packaging products serve the requirements of industries such as packaged foods, juices, ice creams, dry foods, soft drinks, toffees, cosmetics, toiletries and much more.



With state of the art technology employed for printing, lamination and metallization, we manufacture products that meet the best safety and hygiene standards. We are committed to creating new innovative solutions to meet the ever growing packaging requirements of the industries for years to come.





## FILMS AND BAGS

Plastic films and bags range includes Shrink films, FFS multilayer films, PE shopping bags and Industrial bags. These are produced keeping in mind the varied requirements of the industries.



The range caters to various industries like textiles, baby care, pharmaceuticals, packaged food and beverages, detergents and fertilizers to name a few. Our modern flexible packaging plant uses rotogravure and flexographic printing techniques and offers a variety of films and bags in plain and printed options of up to eight colors.

## LUXURY SHOPPING BAGS

Diverse range of Interplast luxury shopping bags that are sold worldwide include luxury plastic bags, luxury paper bags, SOS bags (Kraft paper bags) and personalized boxes. Interplast bags are offered in die-cut, rope handled and twisted paper handled varieties. These bags are manufactured using the latest technologies in pre-press and printing facilities, which include rotogravure, offset and flexographic processes making them unparalleled in style and performance. Our skilled and experienced team of designers work closely with our customers to achieve the perfect design for their brands.





## THERMOFORMED PRODUCTS



Thermoformed products range cater to an endless array of industrial applications like Ice cream packaging, dairy packaging, juice packaging, mineral water packaging, catering and takeaway to name just a few. We also sell commercial thermoformed items under the brand Cosmoplast. We pride ourselves in delivering smart packages that keep food fresh and highlight the importance of our customer's brands. We are a leader in creating new products and delivering quality services to the packaging industry throughout the region.

**Cosmoplast**



## PET PREFORMS AND BOTTLES



Harwal Group manufactures and supplies PET preforms and bottles for mineral water, juice, carbonated soft drinks, dairy products and edible oil industries from its plants equipped with the latest manufacturing technology.

We design unique geometry preforms, without compromising on the quality and crucial physical properties of formed bottles. Using state of the art machines and market leading Husky Moulding Systems, we make preforms that are unmatched in finishing and performance.

**HCM**<sup>®</sup>  
Harwal Container Manufacturing





# BEVERAGES



# BEVERAGES

## FRUIT JUICES, CARBONATED DRINKS, DRINKING WATER AND CONTRACT BEVERAGE FILLING

UBF, The beverages division of the Group, manufactures and distributes a broad range of beverages including fruit juices, carbonated drinks and pure drinking water. Manufactured under the Maaza brand are a wide range of juices with flavors such as Mango, guava, fruit mix, orange and apple. The new premium juice brand "Mambo" is a fruit juice based drink with a range that includes fruit drinks, nectar and 100% juice. Mambo is available in an array of flavors including Mango, Guava, Orange, Mixed Fruit and Apple. Produced from specially selected fruit pulps, purees and juices, Mambo delivers excellent taste and satisfaction. Mambo products are packed in PET bottles for convenience, enriched with Vitamin C for health and preserved for longer life enabling it to be delivered to many countries around the world. Aqua Q is our pure drinking water brand. Cool Up is the soda water brand that also includes juice drinks in various flavors.





# FURNITURE



# FURNITURE

## BANQUET & CONFERENCE FURNITURE

Harwal Group manufactures a wide range of furniture specialized for varied industries and applications. The comprehensive collection of durable Banquet and Conference Furniture includes stacking ergonomic chairs, flock top folding tables, lightweight folding tables, cocktail tables, conference tables and a complete range of accessories that include centerfold stages, lecterns and dance floors. The furniture manufacturing plant is fully equipped with CNC Bending and Routing Machines, Robotized Welding, Powder Coating and Chrome Plating Lines, Upholstery, Woodworking and Finishing Lines.





## OUTDOOR FURNITURE



Outdoor Living features a complete range of furniture for outdoor contract use. Tested for strength and durability the furniture can withstand extreme weather conditions and is virtually maintenance free. The extensive collection includes chairs, tables, sofas, loungers, day beds and umbrellas, all manufactured from quality aluminum, teakwood or rattan and upholstered in weather resistant materials. The entire collection is suitable for beach and pool side.



## RESTAURANT FURNITURE

The Restaurant Furniture Collection includes quality tables, chairs, bar stools and booth seating for the restaurant and food services industry. Suitable for any setting, the furniture is manufactured from wood, plastic and aluminum and is appropriate for both indoor and outdoor use. Whether contemporary or classic, the product line contains furniture for fine dining, casual dining, food courts, fast food outlets, coffee shops and cafés.





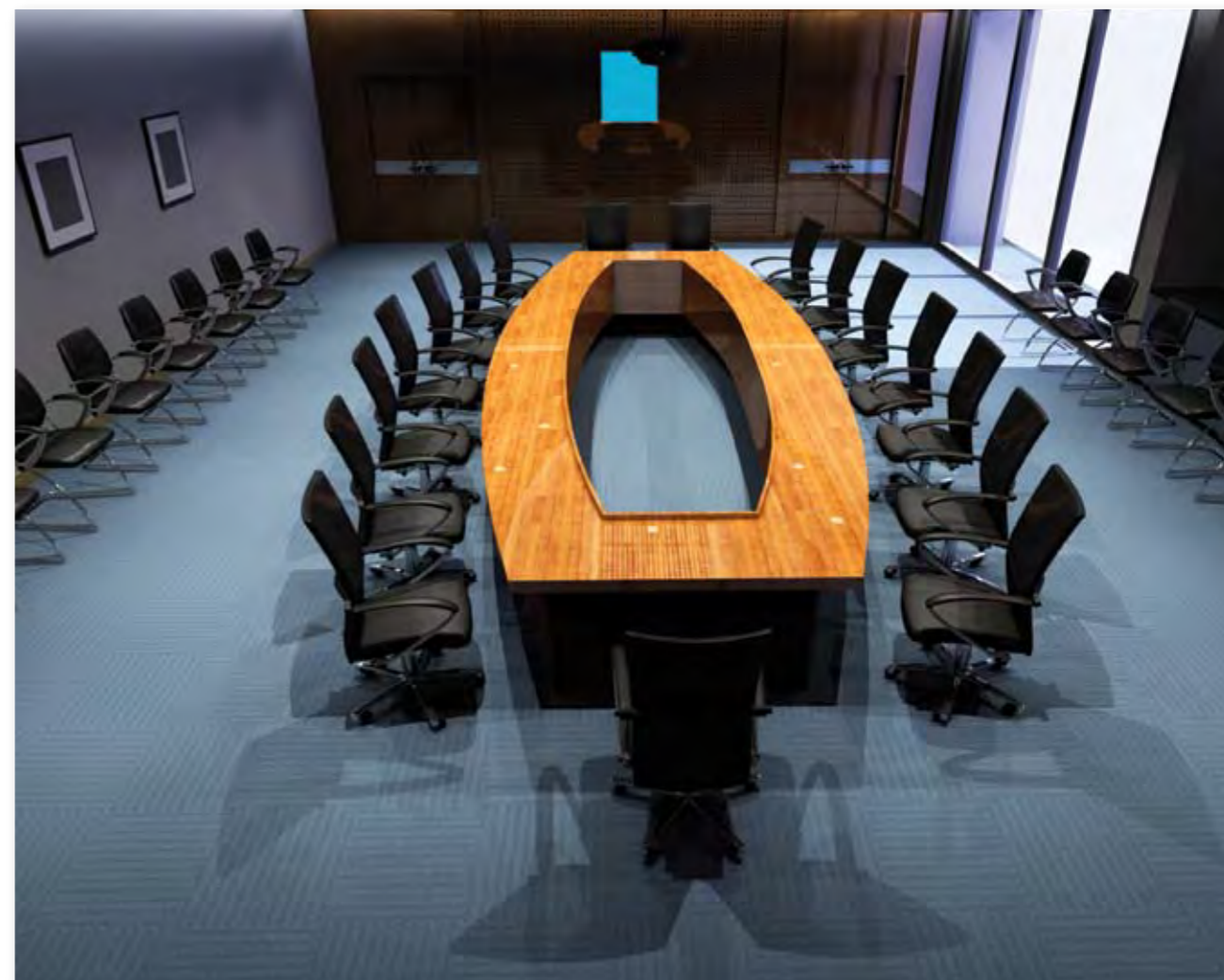
### EDUCATIONAL FURNITURE

The Educational Furniture range include innovative and quality products required for the educational furniture market. Comfortable furniture is conducive to the learning process and the in-house design team and experienced sales personnel work closely with each customer to achieve functional classroom layouts. The collection consists of furniture for all levels of education that include nursery, primary, secondary, colleges and universities as well as a comprehensive range of products for libraries and training facilities. We also manufacture a large selection of multi-purpose furniture specifically designed for the educational market.



### OFFICE FURNITURE

The Office Furniture Collection consists of a durable range of products that include executive desks, computer tables, modular workstations, reception counters, customized conference tables as well as a wide selection of ergonomic chairs. As a leading furniture manufacturer, The Group has applied years of experience to develop a variety of office furniture solutions to suit all business needs. A team of experienced sales professionals work hand-in-hand with each customer to maximize the workplace and ensure the proper utilization of space.





# REFRIGERATION



# REFRIGERATION

## MERCHANDIZING REFRIGERATORS & FREEZERS

Manufactured under the Celsius brand, display chillers, freezers and open showcase chillers provide a wide range of refrigeration solutions to major food and beverage companies and retailers. These high quality energy efficient refrigerators can be equipped with digital thermometers, high resolution digital print stickers, additional shelves and door locks as per the customer specifications.





## STAINLESS STEEL REFRIGERATORS, FREEZERS & WATERCOOLERS

The Group manufactures Stainless Steel refrigerators and freezers matching the individual needs of customers, combining functionality with aesthetics. With its rich luster and polish, stainless steel conveys a look of utmost sophistication and adds elegance. The refrigeration units are tough, versatile, hygienic and easy to clean. Made with high quality stainless steel and manufactured with ISO & HACCP principles we deliver versatile and efficient stainless steel refrigerators.





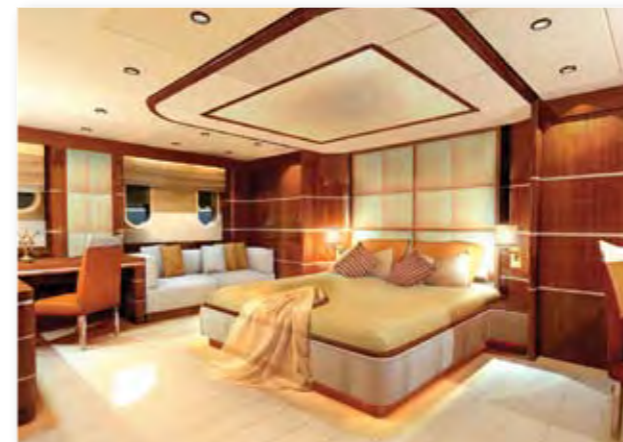
# LUXURY YACHTS



# LUXURY YACHTS

## LUXURY YACHTS

Group Harwal offers a range of services in the marine industry primarily encompassing chartering and sales brokerage of luxury yachts.







## USA

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 eusales@harwal.net

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 Dammam, Saudi Arabia  
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