

Merchant Exporters



# imperial

World Trade Pvt. Ltd.

We  
Export  
Trust





We, at Imperial World Trade Pvt Ltd., value our clients and endeavor to not only foresee their demands but also provide world class services along with products.

We are one of the leading merchant exporters marching ahead with premium quality products of international standard.

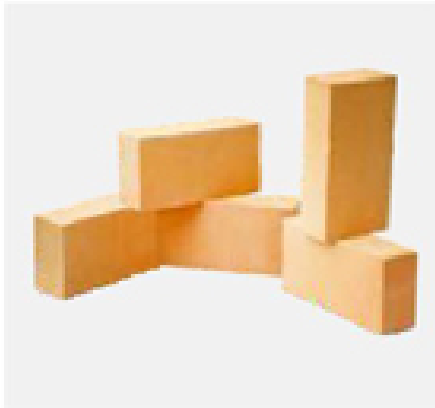
## why us

- Enthusiasm Dedication and in depth knowledge of Business to meet any challenging requirements with complete understanding of the requirements and faster evaluation.
- We follow best business ethics and work with complete honesty with our customers, suppliers and service providers.
- Based among the fastest growing industrial hubs enabling us to source and develop world class products.
- Complete understanding of different mode of logistics, helping us to provide faster order processing and timely deliveries.
- Ensure quality with strict quality control at various stages of order processing.
- Backed up by strong financial position, we are able to get best deals with competitive rates from our suppliers and as well as from our customers.



**We Export Trust**

# All Type of Shaped Refractory Bricks



## Fire Clay Refractory Bricks & Shapes:

All Type of Fireclay Bricks including low duty, High Duty, Medium Duty, Super Duty, Which are extensively used in Iron & Steel Industry, Non-ferrous Metallurgy Glass Industry, Cement Industry, Pottery Kilns & Many others.

## High Alumina Refractory Bricks & Shapes:

We Supply complete range of High Alumina Bricks which offers excellent hardness, strength, spalling resistance, high resistance, in oxidizing & reducing atmosphere and are extensively used in EAF, Blast Furnaces & Blast Furnaces Stoves, Cement, Lime & Ceramic Kilns, Glass Tanks, melting of wide range of metals & other general industries.



## Basic Refractory Bricks & Shapes:

We Supply complete Range of basic Bricks like magnesium bricks, Magnesia Bricks, Carbon Bricks, Chrome Magnesia Bricks, Alumina Magnesia Spinel Bricks for various High and applications of steel EAF, reheating furnaces steel ladles, copper refineries, chemical industries & other applications.

## Insulation Bricks & Blocks:

Insulations bricks having special features like low T.C light weight which are widely used in all type of bricks & Furness various types of Insulations bricks include, ceramic cold face, hot face, mica Insulation bricks, HPK Kyanite based bricks, calcium silicate bricks & blocks, Porosint bricks & all types as per specifications of customers



# All Type of Shaped Refractory Bricks



## Pre cast Pre Fired Blocks and Shapes :

We supply excellent quality of PCPF Blocks casted with High Performance castables in Low Cement & Ultra Low Cement formulations. These offered blocks highly acclaimed for high and reliable performances in hearth of reheat furnaces of small and medium capacity. These are offered in various sizes and other specifications as per the client's requirements.

## Silicon Carbide Refractory Bricks and Shapes:

SiC products are based on synthetically manufactured silicon carbide grains with selected bonding components and metal oxide additives tuned to the use. SiC used in wide assortment of Silicon Bonded Refractories including Nitride Bonded Silicon Carbide Refractories that are widely used in ceramics, aluminium, copper, and steel industries.



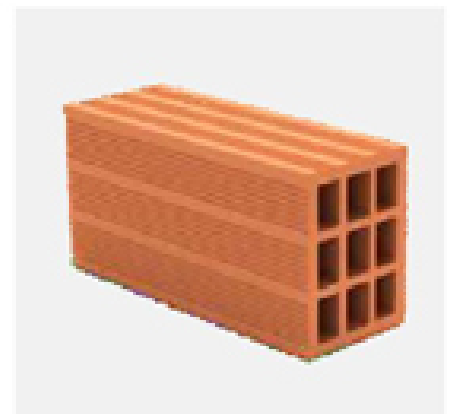
## Special Purpose Bricks and Shapes:

(Hanger Shoulders, Perforated, Roof Brick etc)

We offer various types of Special shapes Refractory Bricks including Baffle Bricks, Interlocking tiles, perforated Bricks used extensively in sugar industries, hanger shoulder bricks for reheating furnaces and various types of shapes as per requirement of customers to give a superior feel & ambience.

## Tiles, Bricks and Shapes for Interior Design & Construction

We supply a variety of Refractory Tiles, Perforated Tiles, Red Clay and Hollow bricks which are widely used in Elevation and Interior decor purpose in construction industries. We can make the product as per the requirements of customer to give a superior feel and ambience.



# All Type Of Un Shaped Refractory Materials



## Conventional Castables

Castable refer to materials of hydraulic setting in nature. These are the materials that often contain cement binder, which imparts hydraulic setting properties to Castable when they are mixed with water, extensively used in boiler work, boiler blocks, power plants, sugar plants, steel plants, etc.

## Fireclay Mortars & High Alumina Mortars

These are materials which consist of precision graded coarse and fine refractory grains. They are gelled by means of a binder system in the materials green state. Following the heat-up of the material the binder either transforms or volatilises facilitating the formation of a ceramic bond.



## Special purpose Lining and coating Materials (Coll Coats, Ortex, Mortars in paste form, Fondu Ciment,)

We supply complete range of special purpose lining materials like Coll Coats, Fondu Ciment, Ortex/Thermotex, Air Setting Mortars, various types of gunning and spraying mixes etc. as per requirement of customer's application.

## Insulating Castables

Insulating castable is used as a secondary lining in process industries and contact layer in petrochemical industry. Insulating castable usually contains lightweight aggregate such as fireclay, expanded clay, bubble alumina, reclaimed material, expanded chamotte, perlite or vermiculite





## Low Cement Castables

Low Cement Castable (LCC) belongs to the deflocculated castable category. Low Cement Castable can be applied by vibration casting, dry gunning, self-flow or shotcrete. In the various field of industrial construction where fire bricks need to be used under high temperature, our low cement castable are easily usable for various purposes.

## Ramming Mass (Acidic (Silica), Basic, Neutral)

Silica ramming mass is also known as acidic Ramming Mass or silica Mix, is used in Coreless Induction Furnaces, for melting of scrap. Quality of Acidic Ramming mass is directly related to the heating performance of the furnaces. Better quality of lining results in the smooth working of furnaces, optimum output and better metallurgical control. We supply all types of Ramming Mass as per customer's requirements.



## Refractory Cements (50% and 70%)

Refractory cements are mixed with Refractory aggregates (Bauxite, Tabular Alumina, White Fused Alumina, Brown Fused Alumina, Andalusite, Silimanite, Chamotte, Perlite, Vermiculite etc.) and used with various installation techniques: dry gunning, wet gunning, vibration casting etc. depending on the application.

## Refractory Bed Materials

Refractory Bed Material for boilers is made out of high quality refractory aggregates of high alumina contents & dense texture. Refractory Bed Material for FBC & CFBC Boilers is a very exclusive refractory product, processed specially to give smooth fluidization with different fuels under different service conditions.





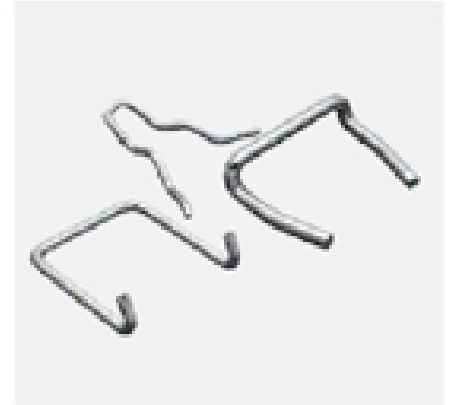
## Ceramic Fiber Insulation Materials

(Blankets, Modules, Ropes, boards)

Ceramic fiber products are manufactured from alumina-silica materials and offer such characteristics as high temperature stability, low thermal conductivity, low heat storage, excellent thermal shock resistance, light weight, and superior corrosion resistance.

## SS Anchors and Studs etc

SS Anchors & Studs which are suitable for single and double layer lining. These are made from high-grade steel. They are available in various shapes, sizes, chemical compositions and temperature resistance as per the requirement of the client. Anchors has a wide application in various industries like cement, ceramic, steel, thermal, petrochemical and power industry.



## Mineral Wool Insulation Materials

(LRB Mattresses, Pipe sections, Slabs, Loose)

Mineral wool insulation is made from molten glass, stone or slag (industrial waste) that is spun into a fibre-like structure and which creates a combination of properties that no other insulation material can match. There are two types of mineral wool product: glass wool insulation and stone wool insulation.

## Insulation Powder – Perlite, Vermiculite, Mica etc.

Perlite comes from volcanic lava. It is a kind of amorphous, glassy volcanic material that contains crystalline water inside. For expanded perlite has low density and low heat conductivity characters, it is widely used in construction and manufacturing fields, lightweight plasters and mortars, insulation, ceiling tiles and filter aids.



## Fiber glass insulation material

Fiberglass which consists of extremely fine glass fibers is one of the most ubiquitous insulation materials. It's commonly used in two different types of insulation: blanket (batts and rolls) and loose-fill and is also available as rigid boards and duct insulation. It can be used as thermal as well as acoustic insulation. It is used in aircraft, boats, automobiles, bath tubs and enclosures, swimming pools, hot tubs, septic tanks, water tanks, roofing, pipes, cladding, casts, surfboards, etc.



## Slide Gate Plate

Slide Gate Plate is a kind of slide gate refractory that is designed to control the flow of molten steel during steel making. This performance of this refractory is dependent upon the ability to resist thermal shocks, abrasion, and corrosion. This Plates are Manufactured In Different Quality Namely Alumina Carbon, Alumina spinal Carbon, Magnesia Spinal Carbon & Alumina Zircon Carbon, depending on requirement.

## Ladle nozzle & Ladle well block

The series of well blocks for nozzles are made from high-purity, high-density, high-strength materials. Based on different materials, they have corundum, magnesia carbon and alumina spinal carbon. It is mainly used to fix upper nozzle in steelmaking.



## Porous plug & well block

Porous plug well block is made of 80% alumina, 10% carbon. Low wettability property of alumina-carbon products leading to the resistance of high abrasion and corrosion caused by molten slag. Use of porous materials in manufacturing leading to release of tiny bubbles over surface of molten steel to improve its quality.

## Tundish nozzle (Zr)

Zirconia tundish metering nozzles are used for the continuous casting of steel controlling the flow of molten metal from tundish to continuous casting. Properties of Zirconia nozzles include: Long and Extended Casting Sequence Times, Controlled and Stable Casting Speed, Resistance to Oxygen Inoculation, Consistent Re-stranding.







## High purity Castables & Mortars

(90S Castables, 90K Mortar Green etc.)

High purity Castables like 90S, Low Cement 60 and 80 for Tundish, 90K Green mortar which is used in ladles for setting nozzles and in for setting slide gate plate area. We supply this materials being manufactured with purest of raw materials giving them great resistance to thermal shocks and withstanding high temperatures..

## CCM Materials : Radex

Radex called Expandable Heat Insulation Compounds. These are basically used in steel industries on Ladle or Tundish and help in producing tailor-made refractory that are at par with international standards. Suits specific applications of industries like Steel, Glass, Cement, Coke Oven, Re-rolling mills, Sponge Iron and others.

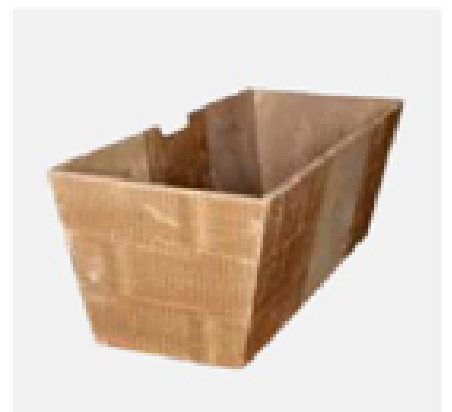


## Casting powder, NFC

CASTING POWDER in CCM forms a very strong lubricating layer between solidifying metal and mould guaranteeing prevention of both metal and mould surface. NOZZLE FILLING COMPOUND is a free-flowing refractory particular material used in the ladle or tundish sliding gate to prevent skulling and steel freeze-off and ensure easy opening at the start of casting.

## Silica Tundish Boards for Tundish linings

Tundish Boards are the disposable boards used to form an inner lining for continuous casting tundishes. Tundish Boards help in saving energy significantly and also reduce consumption of refractory in tundishes. The Tundish Boards also improves the quality of steel by providing fresh board lining whenever the tundish is changed.



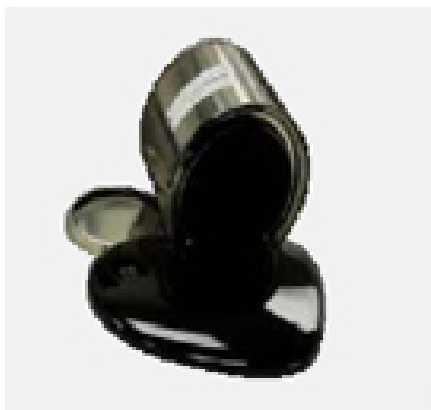


## AR Tiles, Bricks & shapes (Class I and II)

We supply high quality Acid Resistant Bricks in various sizes as per customer's requirements. With global exposure in the corrosion industry you can be assured of our quality. The common application of Acid Resistant Bricks include power stations, petro chemical industry, food industry, storage vessels and similar places where high chemical resistance is required.

## Carbon Bricks & Graphite Bricks

Carbon and Graphite bricks are used as lining materials for acidic and caustic chemicals where ceramic or synthetic plastic is not suitable. The main advantages are with standibility against chemical attack, high temperature and sudden temperature changes. Typical applications are Baths, Reaction Vessels, Boilers, Floor covering etc.



## Acid Resistant cement and Mortars (K-Silicate, Furan, Phenolic etc)

Acid proof concretes and mortars to resist the strongest chemicals in extremely demanding physical environments. Materials can be used as protective toppings, grout and mortars, or as concretes that require no further protective layers after placement. Various Cement and lining materials are available like, K-Silicate, Furan, Phenolic Resin, CNSL Resin Mortar, etc.

## Epoxy, Mastic Compound, Carbon filled Mortar

EPOXY IS Most Widely applicable material against Corrosion. Used as coating, screeding, grouting and jointing material in Dairies, Air, Breweries, Foods, Alcohol, Textile base Industries. MASTIC is hot melt type corrosion resistant cement in slab shape, and is used for heavy duty Industrial flooring and brick/tile Inter-liner material. 100% CARBON filled cement for resistance against Hydrofluoric acid, fluoride salts and other strong alkalis.





## Ferro Alloys: FeMn, SiMn

Ferro Alloys are alloys of iron with other elements like chromium, manganese, silicon, tungsten, molybdenum or vanadium. Ferro Alloys are essentially used to impart certain physical and chemical properties to a particular grade of steel. Ferro Alloys are also commonly used for deoxidation, desulphurisation and refining of steel.

## Graphite powder, Bentonite powder, soft stone, Carbon Additives

We supply complete range of Minerals and Additive materials used for foundry for better finishing of Castings, Addition of Carbon in SG Iron. Some of these materials are Graphite, Bentonite, Soft Stone, Carbon additives like Coconut Charcoal, Graphite granules, Metallurgical Coke, Pel coke etc.



## Materials for Metal Surface Preparation : Blasting Abrasives

We supply complete range of Blasting Abrasives and our comprehensive products include Steel Cut Wire Shots, Copper cut wire shots, Steel Shots and Grits as per standard and customer's specifications for applications in Aerospace, Automobile, Construction, Foundry, Ship building, Rail and many others.

## Resin Coated Sand, Foundry Fluxes etc

Resin coated sand is used for producing a casting of high precise dimensions, smooth surface, free of blow holes & to avoid casting defects. It is used for applications in automobile foundries, Pump and Motor Casting foundries, Engine Block foundries and other general Engineering Industries. Fluxes are suitable for covering, cleaning and dressing applications in foundry. It cleans metal and remove non metallic inclusions thereby increases metal yield.



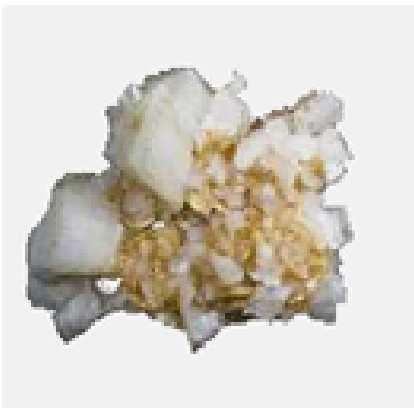


## Bauxite, Brown Fused Alumina, White Fused Alumina

We supply various grades of calcined bauxite from the finest mines, sieved in various grades as per application of the customer. Brown Fused Alumina is a dense material produced from bauxite raw material which is fused in an electric arc furnace. It is an excellent abrasive grain for applications such as grinding wheels, sandpaper, blasting media, metal preparation, lapping, polishing, and grinding.

## Clays, Calcined Clays, Calcined Chamotte

Calcined Kaolin is an anhydrous aluminium silicate produced by heating ultrafine natural kaolin to high temperatures in a kiln. The calcination process increases whiteness and hardness, improves electrical properties, and alters the size and shape of the kaolin particles. We supply various calcined and non calcined, washed and unwashed clays as per requirements of customers.



## Sillimanite, Kyanite, Diaspore, Dolomite chips

We supply complete range of minerals including Sillimanite, Dolomite, Kyanite, Diaspore and other wide range of products. Selected from best mines across the country we supply these minerals as per the processing and grading requirement of our customers for various applications.

## Feldspar, Talc, Mica powder, Quartz

We supply complete range of minerals including Feldspar, Talc, Mica, Quartz etc. Selected from best mines across the country we supply these minerals as per the processing and grading requirement of our customers for various applications.





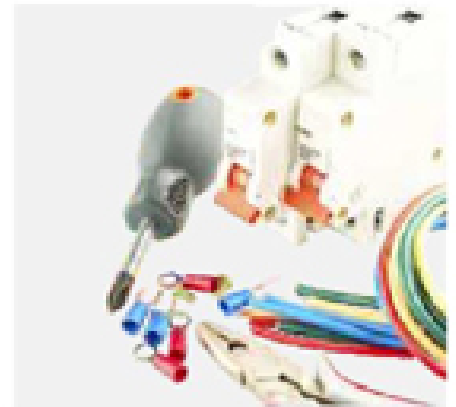
## Furnace Spares and parts

We supply various range of Furnace Spares which can be made available as per the OEM specifications based on drawings. We offer Melting Furnaces and its Spare Parts such as Melting Furnace Parts, Copper Melting Furnace Parts, Steel Melting Furnace Parts, Non Ferrous Melting Furnace Parts, Metal Melting Furnaces Parts, Induction Melting Furnace Spare Parts and many more items.

## Electrical components and parts

(Cables and cable accessories, Panel Spares, Motors and all types of electrical supplies)

We supply complete range of Control & Signalling devices, Cables and Wires, Cable Glands, lugs and connecting accessories, Junction Boxes, Electric panels and Spares, Earthing Materials, Plug & Socket connectors, MCB, Industrial and Household switches, ELCB, Electrical Enclosures and all type of Electrical components and parts as per customer's specifications.

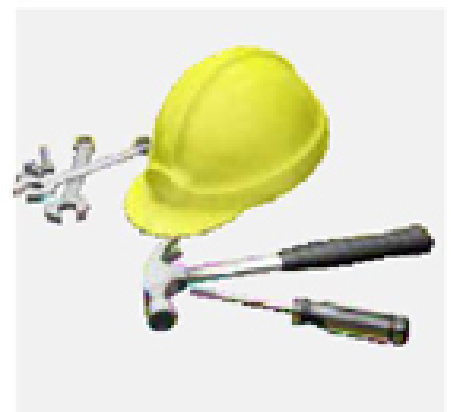


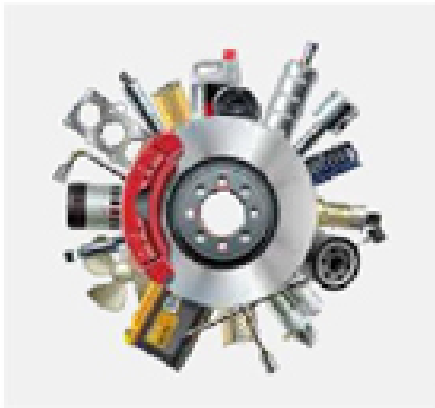
## Casting products

Based In one of the biggest Casting Industrial hub of the country, we supply complete range of casting products made from various casting methods like Investment casting, sand casting, mould casting with excellent metallurgy and finishing suitable for Automobile parts, Fastners, Machinery parts, Marine Machinery parts and various other applications.

## Hardware & Industrial consumables

All types of Fastners (MS/SS/ High Tensile Nuts and Bolts, Screws, MS Washers, Spring Washers), MS Plates, Flat, Channels, Brass Fittings, Welding Electrodes, Grinding Wheels, Hand Tools, Machine Tools, Spares for Crushing and Grinding equipments, Safety materials, Rubber seals and all types of products as per customer's specifications.



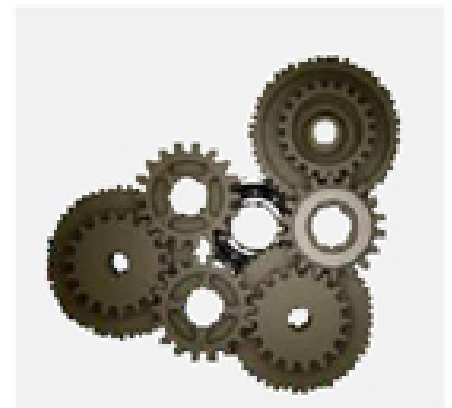


## Autotmobile Spares

WE supply complete range of Automobile Spares like Engine Parts, Mounting and Rubber parts, Gears, Gaskets & Oil Seals, Auto Electrical Parts, Automotive lights, Crank Shafts and High precision machined components and other Automotive accessories.

## Bearings and Transmission products

We supply all types of Indian/Imported Bearings like Ball Bearings, Roller, Needle Roller, Tapered Roller, Spherical roller, Thrust etc. We also supply all types of Transmission products like V-Belts, Industrial Chains and Chain sprockets, Couplings, Pedestals, Rope pulleys, V-Belt pulleys etc as per customer's requirements..



## All types of Pumps, Blowers etc.

We supply complete range of vaccum pumps, pressure pumps, centrifugal pumps, submersible borewell and open well pumps, Monoblock pumps, Centrifugal Blowers, Axial Fans, Spares like winding wires, bush, Motor body, Impellers, Rotor, PVC Suction hose pipes etc as per customer's requirements.

## Industrial Valves & Guages and Regulators

We supply complete range of Gate, Globe, Butterfly, Ball, Diaphragm Valves. Industrial Pressure Guages, Level Indicators, Temperature gauges, Vibration Switches, Carbon and Silicon Analyser, Conductivity Indicators etc. as per customer's requirement.



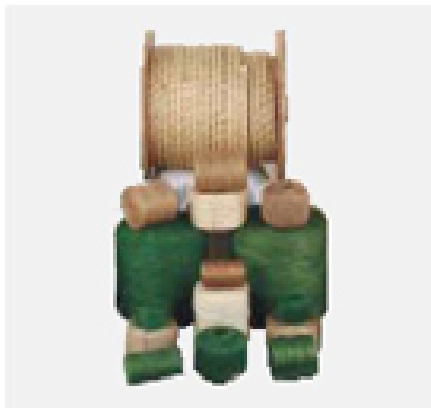


## Hessian Jute Fabrics for various applications

Natural Hessian Fabrics are supplied in various width, weight and packaging depending on its application and requirements. It is supplied in hydraulically pressed bales or in rolls as per customer's requirement. We also supply dyed Hessian cloths, and Lamination with PP or LDPE Granules. It has vast applications from packaging industry to construction, and agriculture to industrial applications.

## Jute Bags for various applications

We supply complete range of Eco-Friendly Jute Bags made from Natural fiber. Reusable in nature it can be used as effective promotional tool with any kind of design, logo and imprinting done on it. It has a wide application in packaging and food industry and in protection of rooting plants.



## Jute Matts, Jute Ropes

Jute Ropes are noted for their high load bearing capacity and inherent strength, owing to which these are used in several industries. Our jute ropes are made from organic natural jute fibre to in 3 and 4 strand in Z and S twist directions. We also supply wide range of braided jute mats as per required designs and can be used as Door Mat, Floor mat or bath mat

## All types of Jute Decorative products

Jute is not only a major textile fibre but also a raw material for non traditional and value added non-textile products. Recently jute fibres are used in a wide range of diversified products: decorative fabrics, chic-saris, sarwar kamizes, soft luggage's, footwear, greeting cards, molded door panels and other innumerable useful consumer products.



# imperial

World Trade Pvt. Ltd.



**Corporate address :**

D-303, The Imperial Heights,  
Opp. Big Bazaar, 150 ft. Ring Road,  
Rajkot - 360005 Dist: Rajkot,  
GUJARAT-INDIA

Web : [www.Imperialworldtrade.com](http://www.Imperialworldtrade.com)  
Email : [info@imperialworldtrade.com](mailto:info@imperialworldtrade.com)  
Skype : Imperialworldtrade  
Cell : +91 94277 26335 (24 X 7)