



Ferrum



Ferrum

Ratnaveer Stainless Products Pvt. Ltd.,

one of the distinguished manufacturers of innovative Stainless Steel Sheet Metal Products providing high end value added professional service to clients across diverse industries since last 30 years.

We have State-of-the-art infrastructure having 2,00,000 sq. ft area for manufacturing operations. Our current manufacturing capacity is 3,600 metric tons of Stainless Steel sheet metal products; we are in state of lateral expansion to provide unique solutions to several industry verticals and customer segments. Our plant is located at the Industrial area of Savli, in district Vadodara in the state of Gujarat, India.

By the infusion of technological skills, domain expertise, process focus and a commitment to long-term client relationships we successfully entered the domestic Architectural sector to produce Stainless Steel Architectural solutions under brand name of “**Ferrum**”. The solutions include a comprehensive and diverse basket of products aimed at the architecture, building and construction segments encompassing manufacturing, fabrication and execution.

We produce decorative sheets in diverse combination and permutation which includes plain, etched and coloured product series to cater to the endless applications nationally and internationally.

“**Ferrum**” is widely used for decoration engineering, elevators, doors, kitchen ware, food equipment and decoration industry etc. having prestigious and diverse clients from all over the world.

We constantly innovate and strive towards impeccability in quality, product, workmanship, utilizing the latest in technology and industry savvy professionals to provide outstanding aesthetics with due customer care and satisfaction.



Ferrum

Certificates and Accreditations



Quality Certification



One Star Export House Certification



Regional Highest Exporter's Trophy 2003 - 04



Star Performer Award
2004 - 05



Regional Highest Exporter's Trophy 2005 - 06



Star Performer Award
2005 - 06



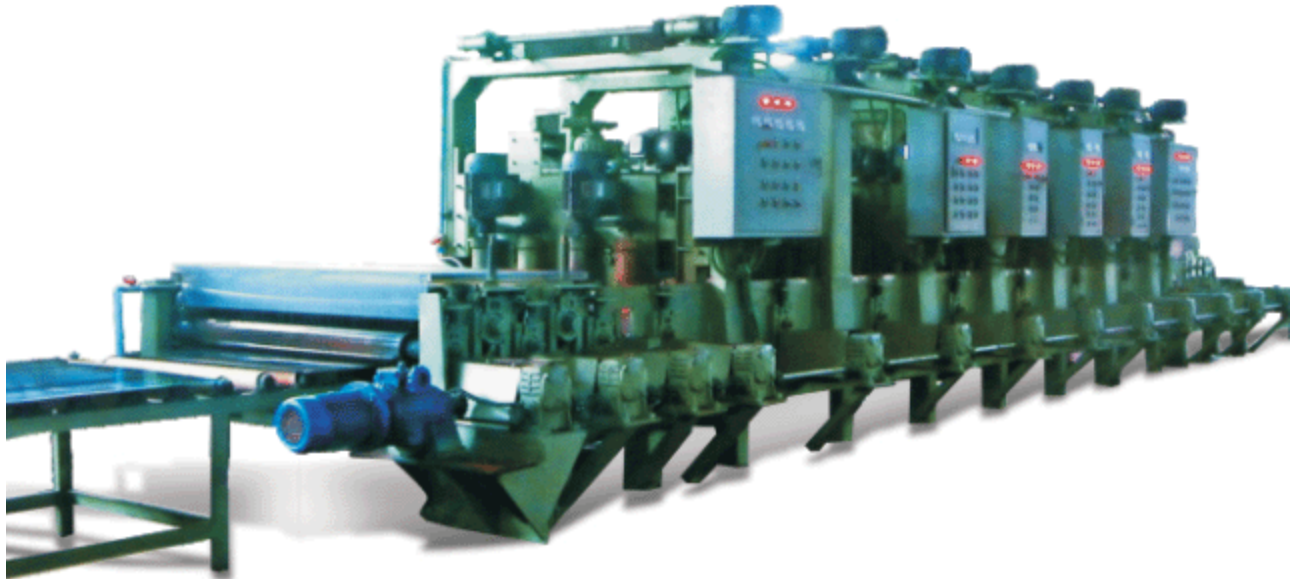
Process Machinery



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Plain Product Series



“**Ferrum**” sources base material from national and international manufacturers of repute, polishes it with superior machine and abrasives and subjects it to one of the most rigorous inspection methodologies. This resultant stainless steel sheet has a scintillating and highly aesthetic surface matching international standards.



No. 4 - Satin Surface Stainless Steel Sheet

The basic sheet selection is to be of 2B or BA sheet and should be preferably polished with 150#-180# abrasive belt. Surface roughness usually varies from 0.18 to 0.64 microns. The resultant finish has short symmetrical grains, lively metallic shine and the feel of cold steel. The application verticals of this finish to name a few are in cookware, furniture, elevator, architectural decoration, revolving door, exterior decoration etc.,.



Hairline - Oil Polishing Hairline Stainless Steel Sheet

The basic sheet selection should preferably be of No. 4 satin surface stainless steel sheet and should be subjected to polish with 150#-240# abrasive belt. The resultant finish has clear and long directional grains with delicate and unique surface aura. The application verticals of this finish to name a few are in elevator, architecture decoration, revolving door, furniture, home appliance, auto sector, exterior decoration, etc.,.



Scotch Brite - Satin Surface Stainless Steel Sheet

The basic sheet selection should preferably be of No. 4 satin surface stainless steel sheet and should be subjected to polish with abrasive wheels or pads. This is more reflective than No 4 finish and usually has a surface roughness of 0.14 to 20 microns. The application verticals of this finish to name a few are in architecture decoration, elevators and escalators, furniture, etc.,.



No. 8 - Mirror Surface Stainless Steel Sheet

The basic sheet selection should preferably be of 2B or BA stainless steel sheet and should be subjected to rigorous polish and buffing with smooth mops and special polishing compounds. The resultant finish is a highly ornamental reflective mirror like finish with no apparent polishing lines. Examined by GB4500 the lightness is over 60 degree and the surface smoothness is less than 0.10 microns. The application verticals of this finish to name a few are in elevator, architecture decoration, revolving door, furniture, home appliance, auto sector, exterior decoration, etc.,.

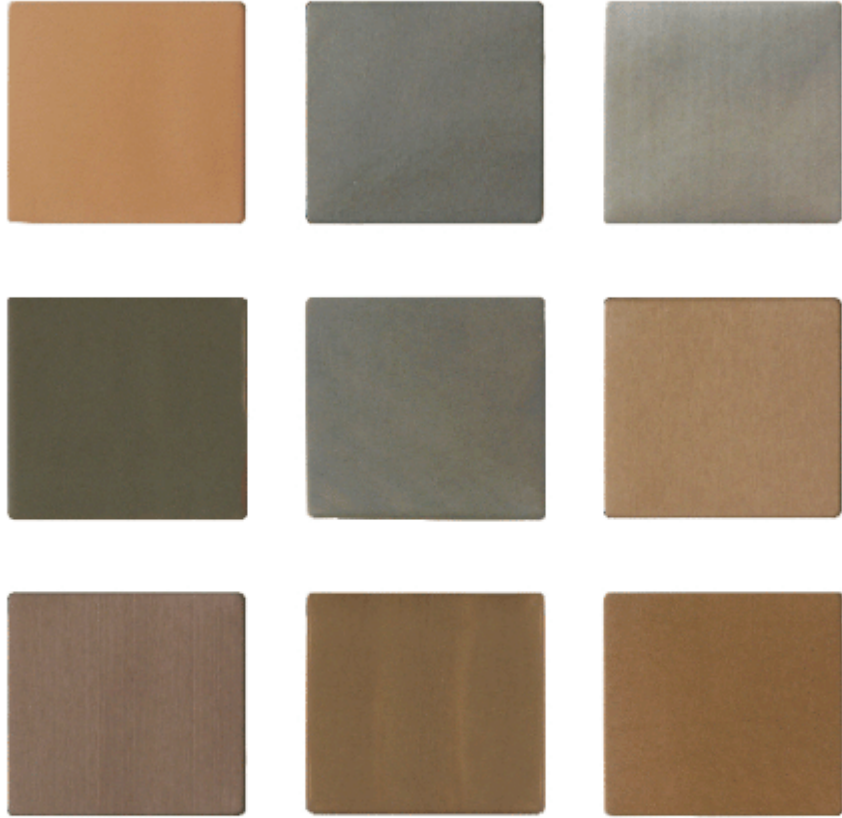


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Ti-Plating Product Series



Physical Vapor Deposition is basically a vaporization coating technique, involving transfer of material on an atomic level. This is the most advanced and alternative process to electroplating adopted by us. Titanium plating of stainless steel sheet makes it manifold durable than 2B or BA surfaces. There is a bouquet of colours for customer's selection such as Ti-golden, Ti-bronze, Ti-black, Ti-blue, Ti-green etc.



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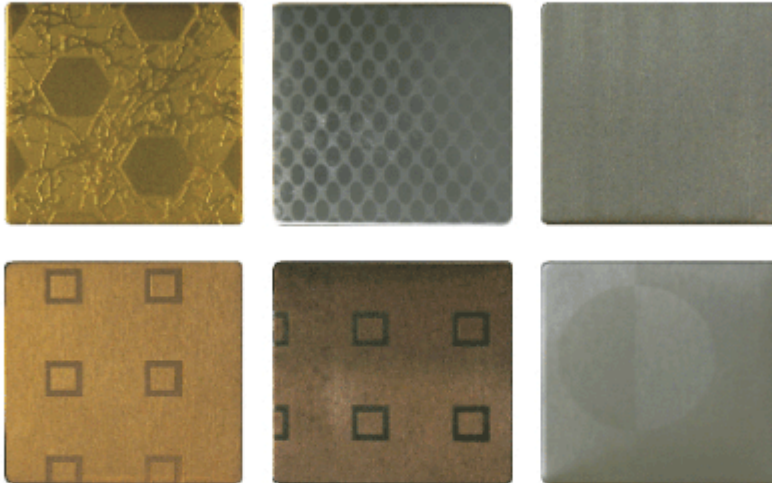
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Etched Plain Product Series

Etched surface finish gives a fabulous effect with stainless steel sheet. Such wonderful finish makes the sheet admirable, elegant, bright and eternal and imbues the application with heightened aesthetics. There are lots of different etching patterns for client's selection for achieving their special requirements and artistic styles.



Etched Coloured Product Series



Etched surface finish with addition of different colours makes stainless steel sheet more ingenious and vibrant. It also provides influencers and users with umpteen design options blended with creativity. There are endless coloured etching patterns for client's selection enabling them to achieve special requirements and artistic styles.



Ferrum

Processing Capability

MACHINERY DETAILS	SHEET THICKNESS	BREADTH	LENGTH	GRADE OF SHEET
NO 4 POLISH SATIN FINISHING LINE	0.6 to 3mm	1250mm	2500mm*	304,316,200 SERIES**
OIL POLISHING HAIRLINE FINISHING LINE	0.6 to 3mm	1250mm	2500mm*	304,316,200 SERIES**
SCOTCH BRITE SATIN FINISHING LINE	0.6 to 3mm	1250mm	2500mm*	304,316,200 SERIES**
NO 8 POLISH MIRROR FINISHING LINE	0.6 to 3mm	1500mm	2500mm*	304,316,200 SERIES**

* INDICATES THESE PARAMETERS CAN BE MATCHED TO CUSTOMERS SPECIFICATIONS.

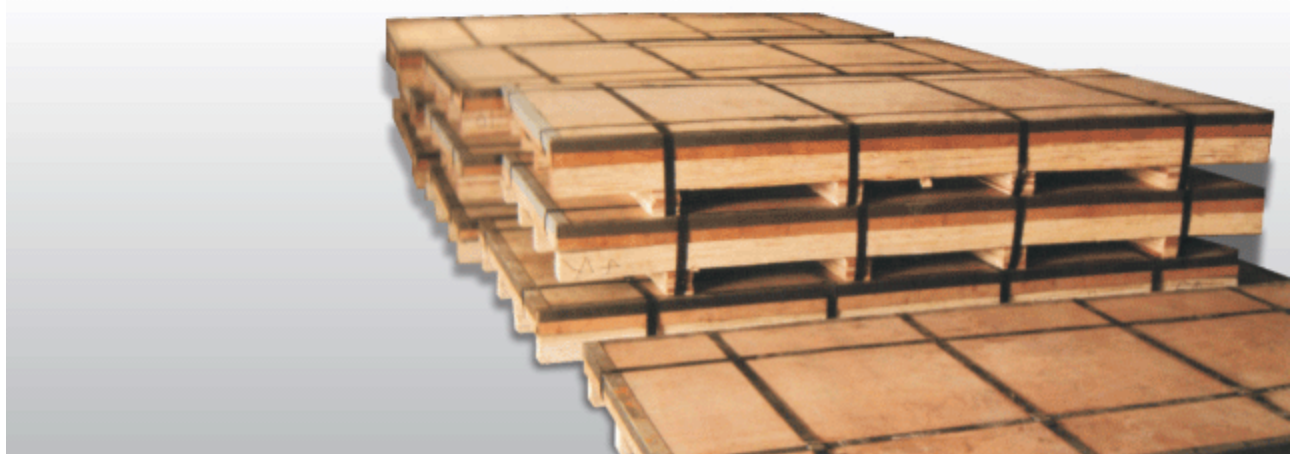
**THE GRADE OF STAINLESS STEEL SHEETS CAN BE MATCHED TO CUSTOMERS SPECIFICATIONS.



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Packaging

MATERIAL	COLOR	THICKNESS (MM)	FORMING	BENDING	KNURLING FORMING	CHARACTERISTICS	APPLICATION
PVC	WHITE	0.07mm to 0.1mm	Good	Excellent	Good	Strong adhesion, heat and weather resistant	Indoor/outdoor construction decoration products requiring long term surface protection
PVC	BLUE	0.08mm	Excellent	Excellent	Good	Appropriate for high glossy products.	Deep drawn hardware with high gloss bright annealed or mirror finish surfaces.
PE	TRANSPARENT	0.05mm	Poor	Good	Poor	Cost effective alternative	Commercial surface protection for drawing
PE	BLUE	0.05mm	Poor	Good	Poor	Cost effective alternative	Commercial surface protection for drawing



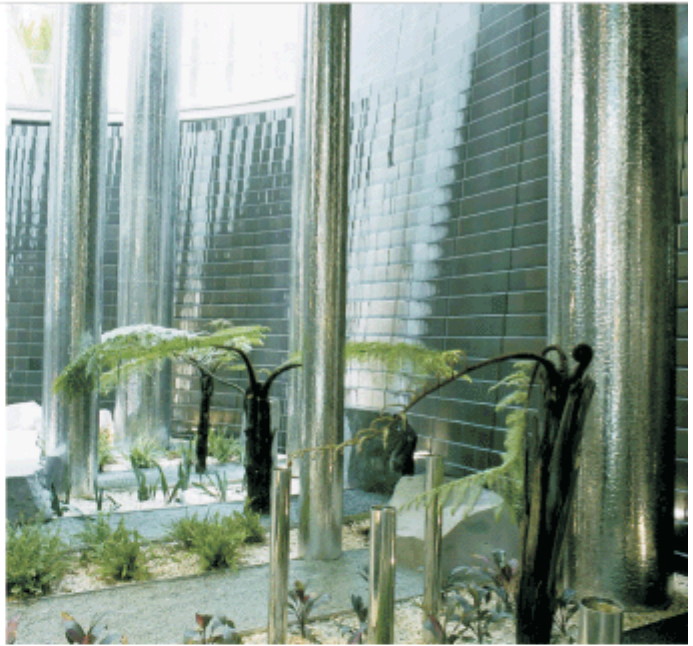
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Application

For its super finish quality and amazing durability "Ferrum" has wide range of application ranging from automatic door, elevator, screen wall, architectural decoration, kitchenware, transportation, medical instrument etc. "Ferrum" Stainless Steel Sheets finds application on famous construction projects both at home and abroad.







Colours and finishes as shown in the brochure might vary due to limitations in the printing process. Customers, influencers and users are requested to refer to physical samples before making their final choice.

RATNAVEER

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