

“*Ferrum* is about the fusion,
composition and juxtaposition of
different elements in steel that create
a timeless aesthetic with functional values.”



RATNAVEER

Stainless Products Pvt. Ltd.

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communication crafts

ferrum *stainless steel*



“Innovation, Integrity, Inspiration”

Welcome to Ratnaveer Stainless Products Pvt Ltd.

We are a distinguished manufacturers of innovative Stainless Steel finish Sheet, providing high end value added professional service to clients across diverse industries since last 3 years.

We have State-of-the-art infrastructure having 2,00,000 sq. ft area for manufacturing operations. Our current manufacturing capacity is 2400 MT in finishing line & 3,600 metric tons of Stainless Steel sheet metal products; we are in state of lateral expansion to provide unique solutions to several verticals industrial 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, process focus and a commitment to long-term client relationships we successfully entered in the domestic Architectural sector under brand name of “Ferrum”. The Solutions include a comprehensive and diverse basket of precuts aimed at the architecture, building and construction segments encompassing manufacturing, fabrication and execution.

We have to expand our product under decorative sheets in diverse combination and permutation which include plain, etched and colored product series to cater to the endless applications nationally and internationally.

“Ferrum” has prestigious and diverse clients from all over the India. And it's widely used for aesthetical and decorative engineering in Malls, airports, hospitals, elevators, doors, kitchen ware etc.

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

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Products - “Pretty, Pure, Perfect”

Plain Product Series

“Ferrum” sources base material from national and international manufacturers of repute then polishes it with superior machine and abrasives and subjects it to one of the most rigorous inspection methodologies.

The 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 should preferably be of 2B or BA sheet and this is Satin Finish from malty process like abrasive belt grinding with wet process & scotch bright roller buffing with dry process. Also we can produce satin finish with oscillated scotch bright roller from dry process. The resultant finish has short symmetrical grains, lively metallic shine and the warmth 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.



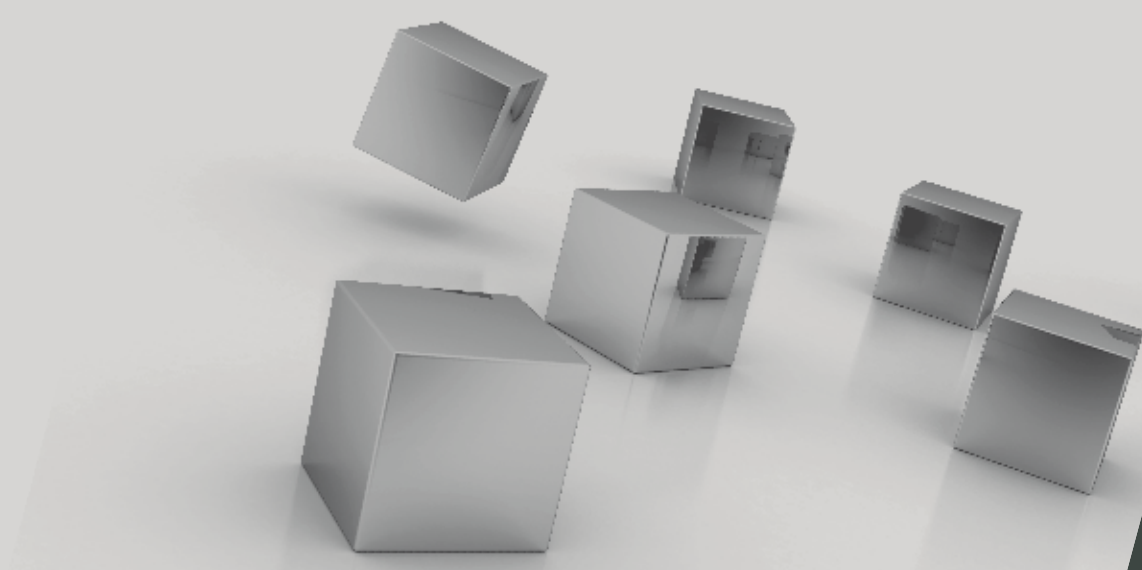
Hairline Stainless Steel Sheet

The basic sheet selection should preferably be of No. 4 satin surface stainless steel sheet and it process without oscillated scotch bright roller from dry process. 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.



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.



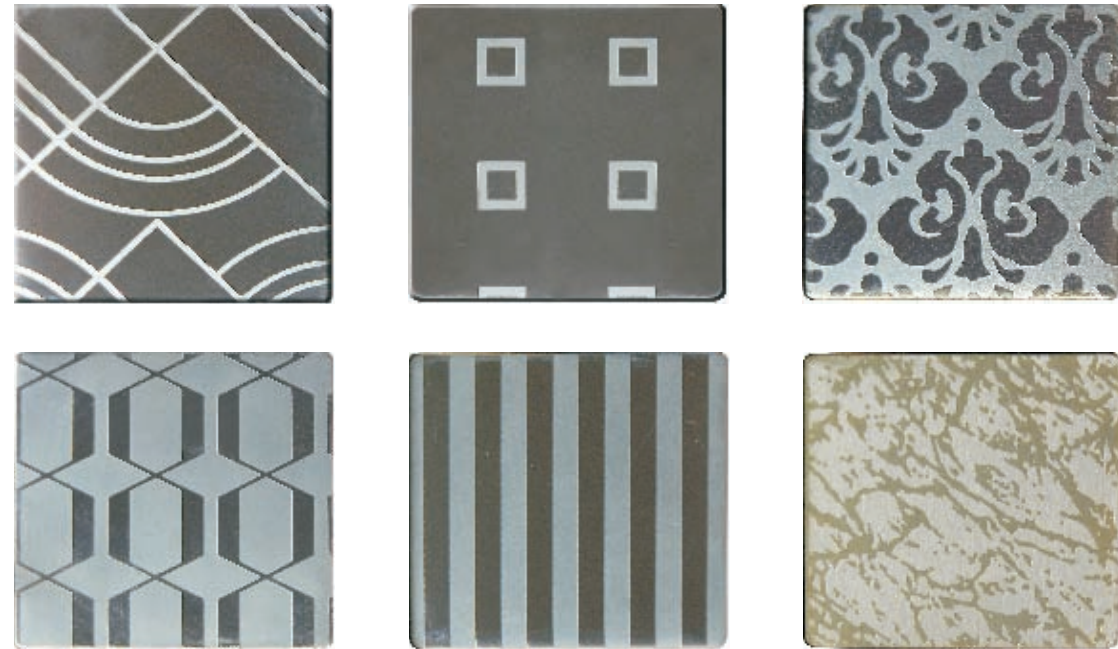
Ti-Plating Products Series

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 colors for customer's selection such as Ti-golden, Ti-bronze, Ti-black, Ti-blue, Ti-green etc.



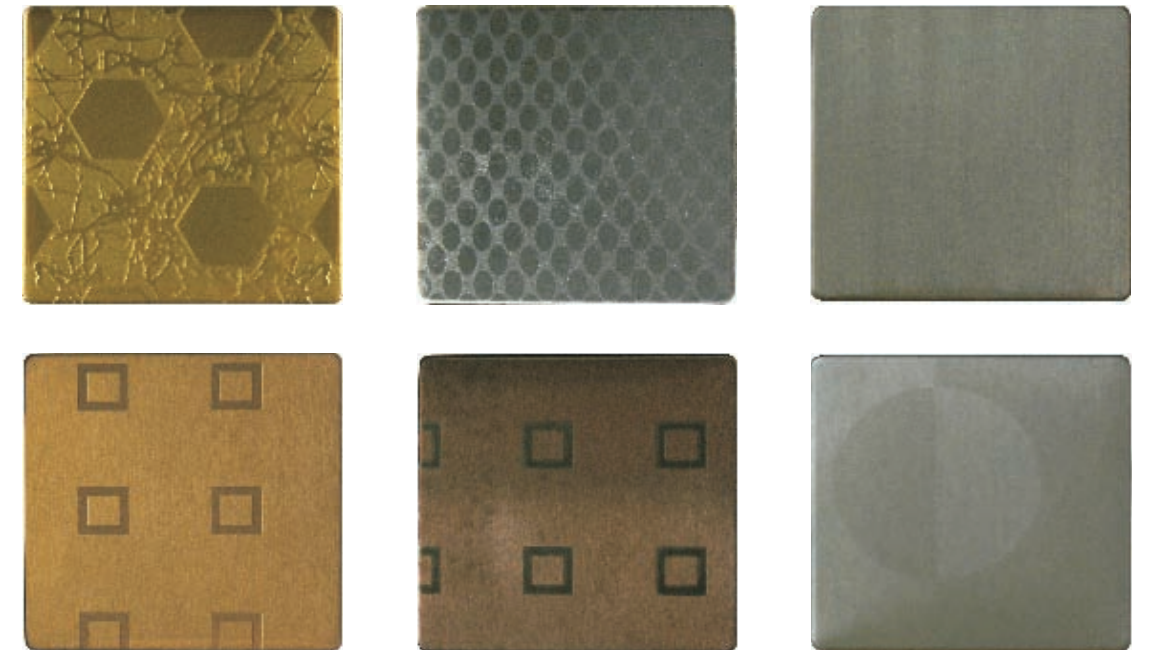
Etched Plain Products Series

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



Etched Colored Products Series

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



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.



Application - “Aesthetic, Artistic, Amazing”

For its super finish quality and amazing durability “Ferrum” has wide range of application ranging from automatic doors, elevators, screen walls, architectural decorations, kitchen wares, transportations, medical instruments etc.

Ferrum Stainless Steel Sheets applies on the famous construction projects both at home and abroad such as

Applications for Architecture Building & Construction Segments

- Kitchen Ware
- Name plate
- Kitchen cabinets
- Cookware
- Airports
- Elevators Decoration
- Kitchen Ware
- Kitchen exhaust hoods
- Chimney liners
- Building Decoration
- Food processing equipment
- Dairy handling equipment
- Malls



Processing Capability - "Competent, Creative, Classy"

MACHINERY DETAILS	SHEET THICKNESS	WIDTH Min to Max	LENGTH Min to Max	GRADE OF SHEET
NO 4 Polish Satin Finishing Line	0.5 to 3mm	500 to 1500mm	1250 to 3000mm*	304, 316, 200 SERIES**
Hairline Finishing Line	0.5 to 3mm	500 to 1500mm	1250 to 3000mm*	304, 316, 200 SERIES**
NO 8 Polish Mirror Finishing Line	0.5 to 3mm	500 to 1500mm	1250 to 3000mm*	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.

Quality



RA Testing Meter



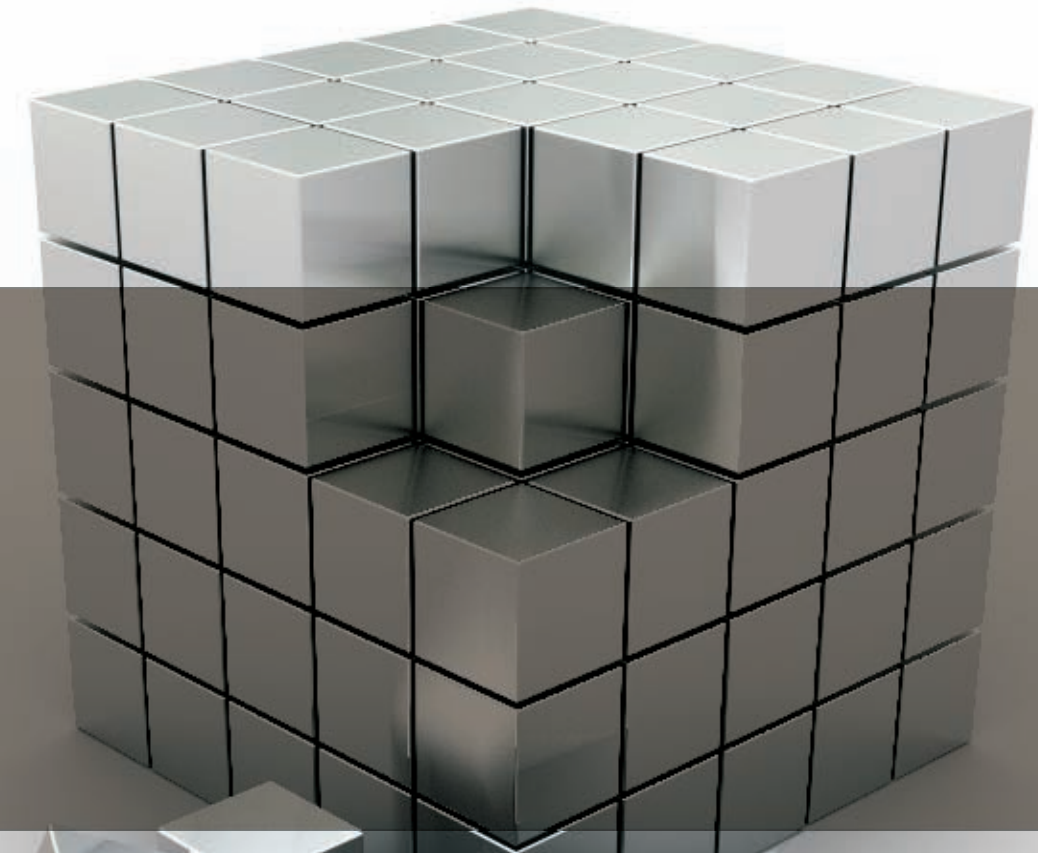
Gloss Meter



Micrometer



Measurement Tape



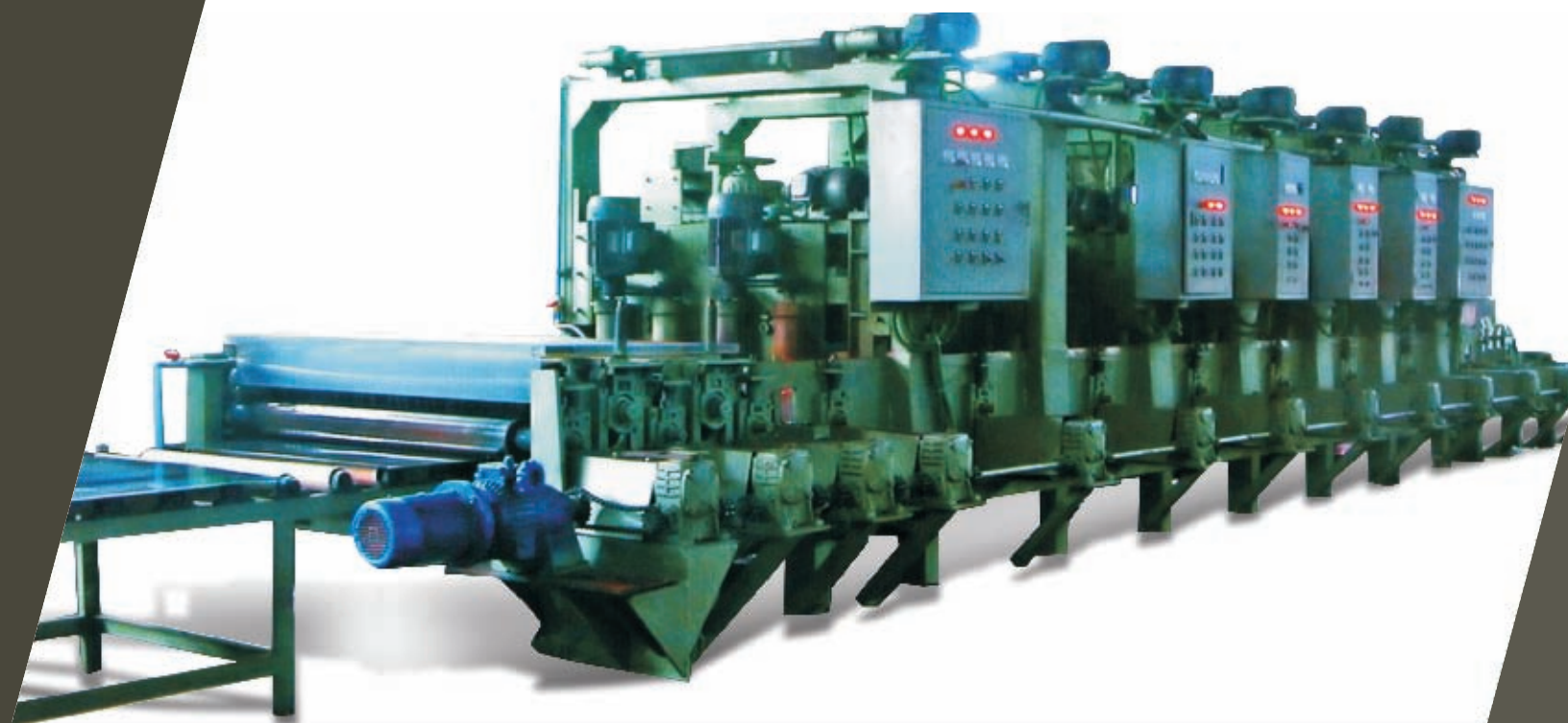
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Process Machinery

Satin Finishing Machine



Mirror Polishing Machine



Hair Line Finishing Machine (4 Head Grinding)



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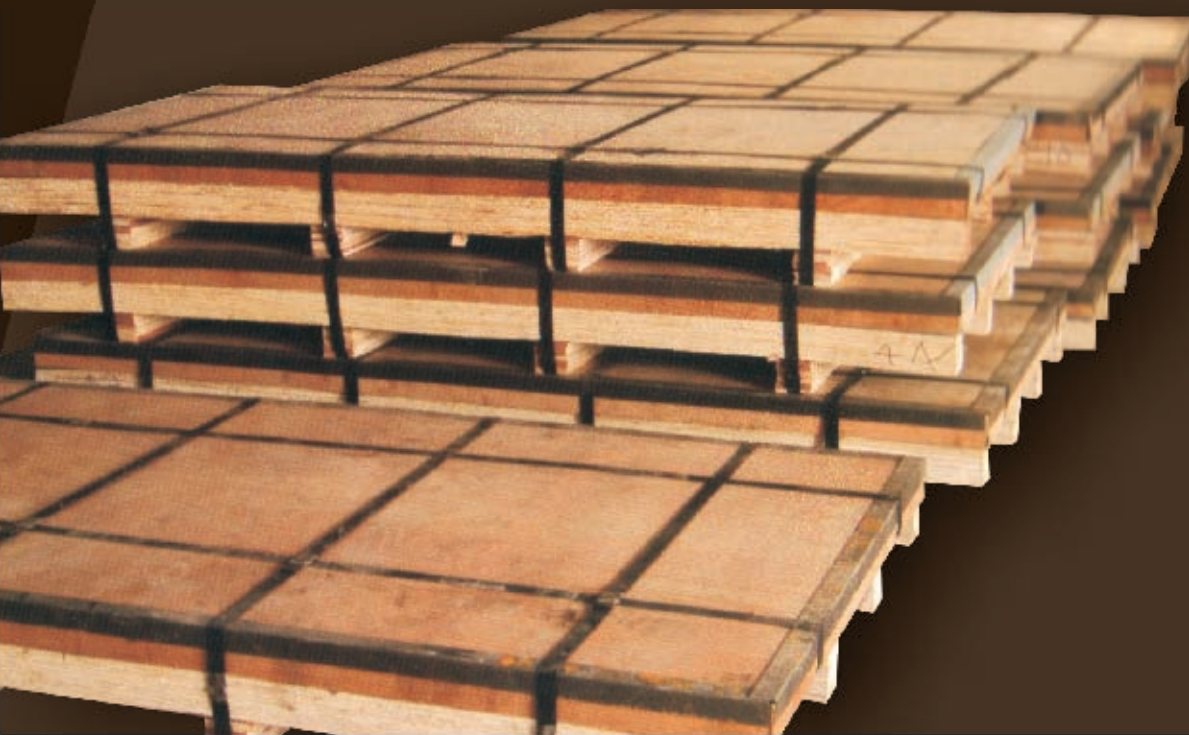
Packaging - "Prim, Proper, Precise"

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

Material Handling



Vacuum Lifter



Forklift

Certificates and Accreditations

1. DIN EN ISO 9001 : 2008 Certification
2. One Star Export House Certification
3. ISO 14001 : 2004 Certification
4. Star Performer Award 2004 - 05
5. Star Performer Award 2005 - 06
6. Regional Highest Exporter's Trophy 2003 - 04
7. Regional Highest Exporter's Trophy 2005 - 06
8. Star Performer Award 2006-07
9. EEPC INDIA Star Performer 2008-09



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