



Zhongan Machinery Metal Embossed Sheet Catalogue

Contact Information

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Product Introduction



Zhongan leverages innovative design concepts and advanced manufacturing technologies to build a diversified product portfolio. It offers high-end embossing solutions and precision embossing equipment with independent intellectual property rights, catering to the mid-to-high- end metal sheet market. The company produces functional and aesthetically appealing metal embossed plates that rival the performance of imported products. These products are widely used in high-end applications such as mechanical equipment, medical and food industries, elevator decoration, and metal curtain walls.



**Mechanical
Equipment**



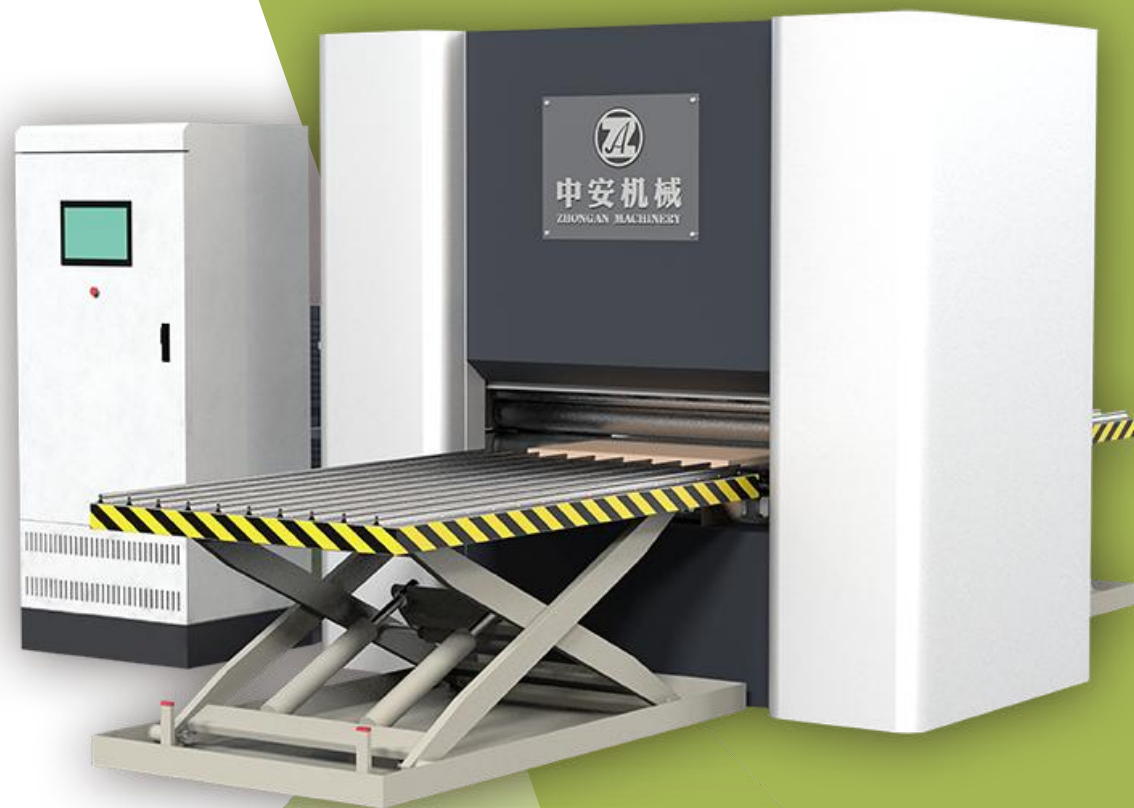
**Elevator
Decoration**



**Medical
Food**



**Metal
Curtain Wall**





Technical Capability



Texture Craftsmanship

Elevating Aesthetics and Durability to New Heights





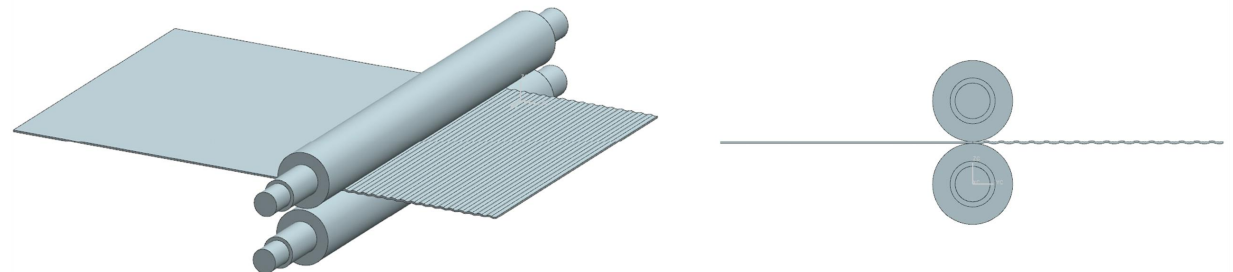
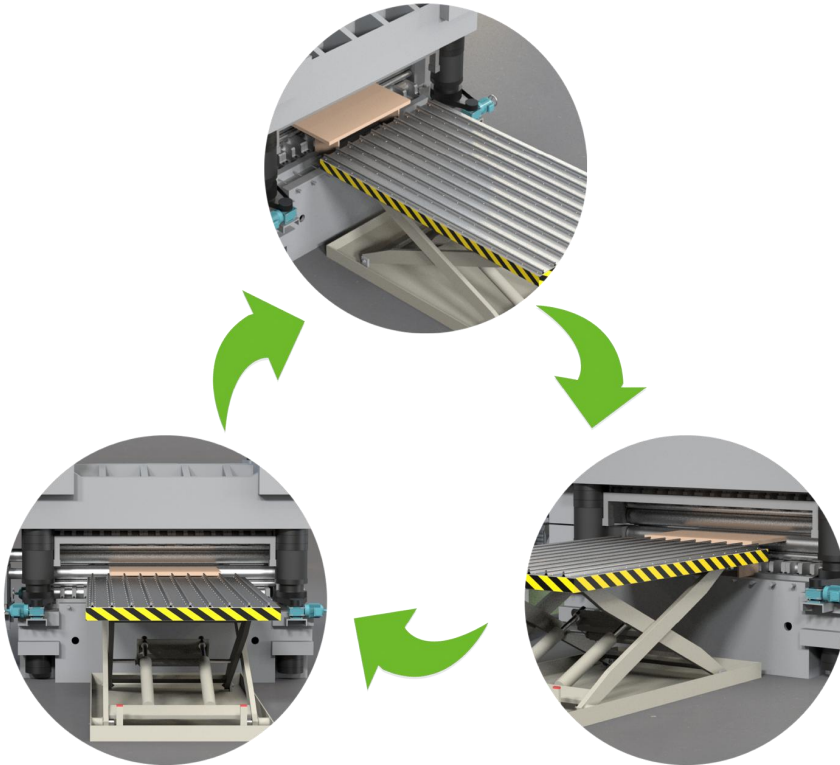
Working Principle of Embossing Machine



An embossing machine is a device that utilizes mechanical pressure to create specific patterns or textures on material surfaces. It is widely used in industries such as textiles, leather, plastics, metals, and paper processing.

The machine employs embossing dies (rollers or plates) with engraved concave-convex structures. Under controlled pressure and/or heat, the material undergoes plastic deformation or surface texture transfer, resulting in permanent, raised/recessed patterns.

The metal embossing machine utilizes high-strength steel rollers to apply controlled pressure on metal sheets, creating precise concave-convex patterns on the surface.





Function Feature



3/5/8/10mm

Thickness

304/201/316

Material



Variety



**Slip/Stain
resistant**



**Scratch/ Wear
resistant**



**Increased
Intensity**



**Enviromental
Safety**



**Impact
Resistance**



**Unique
Craftsmanship**



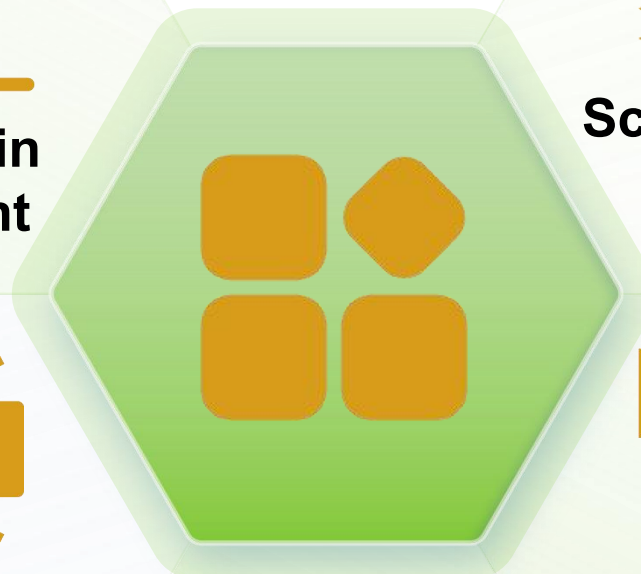
**Strong
3D Effect**



**Customized
Service**

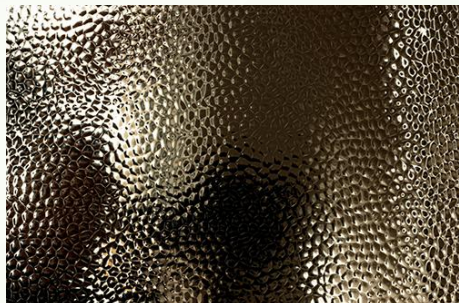
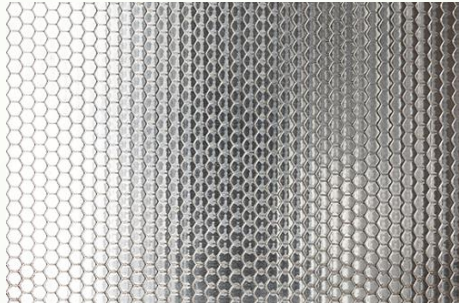
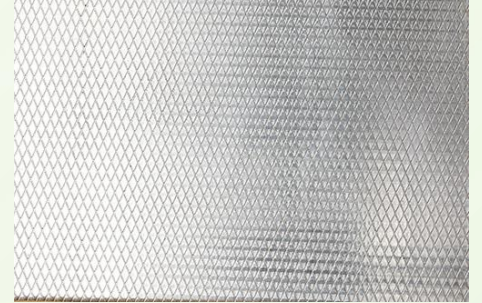
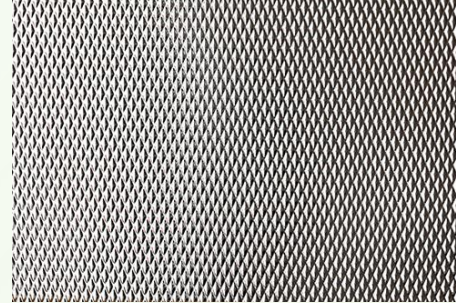


Aesthetic





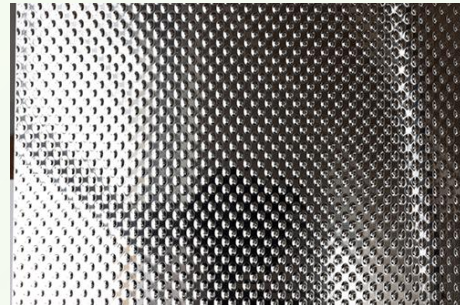
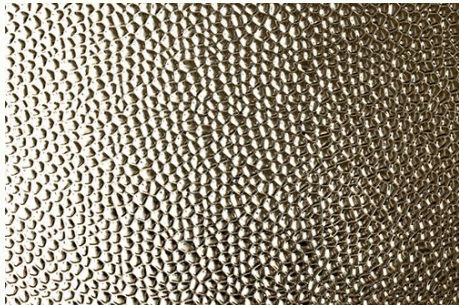
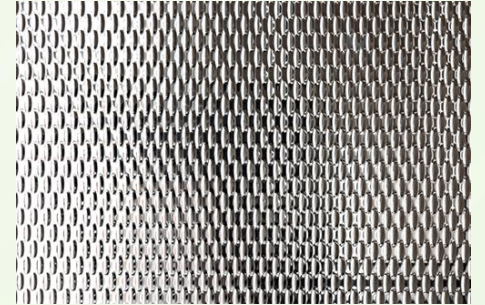
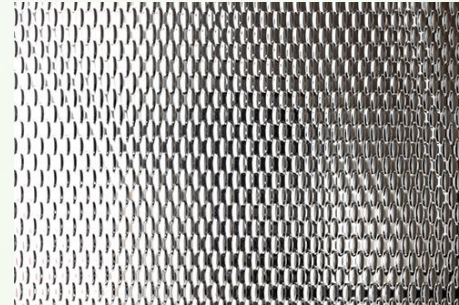
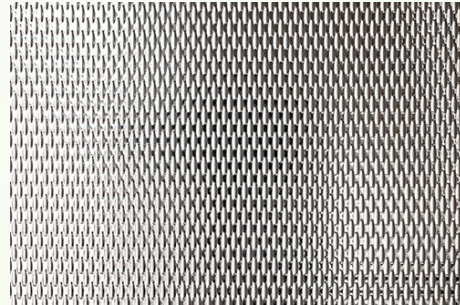
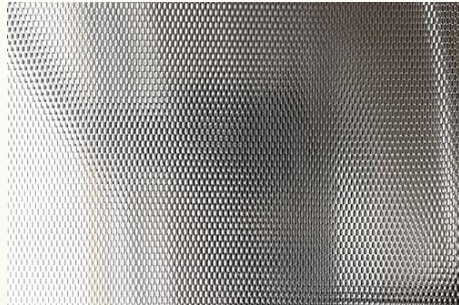
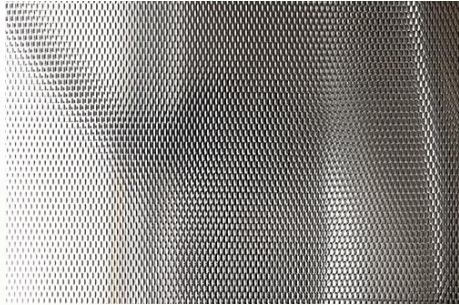
Stainless Steel Embossed Plate



**Metal Embossed Plate
Pattern**



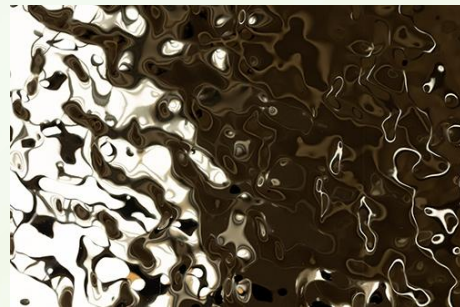
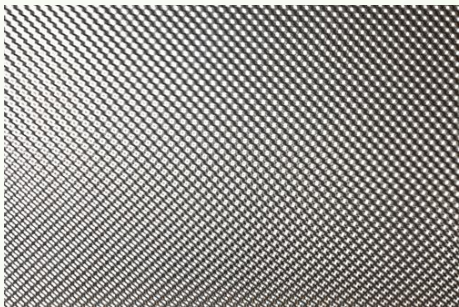
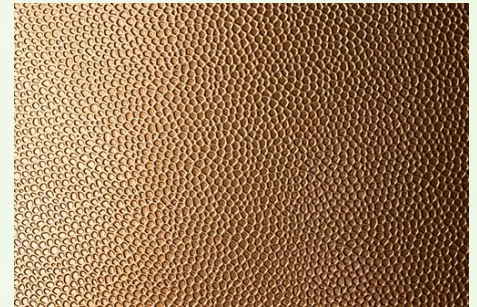
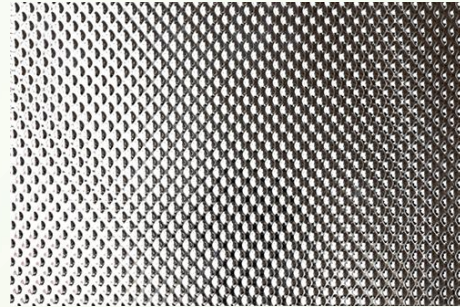
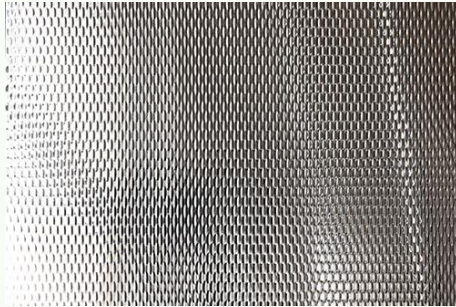
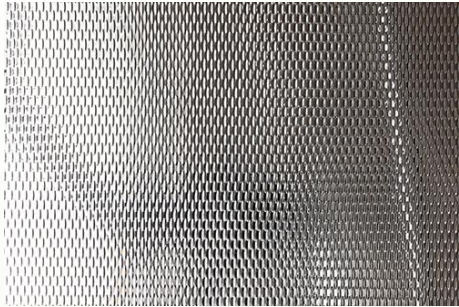
Aluminum Embossed Plate



**Metal Embossed Plate
Pattern**



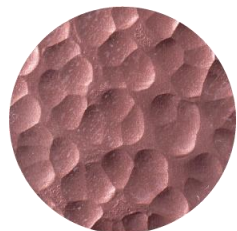
Copper Embossed Plate



**Metal Embossed Plate
Pattern**



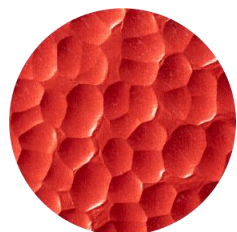
Metal Rock Slab



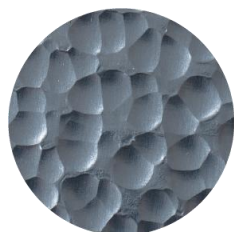
RoseGold



**Glacier
Gray**



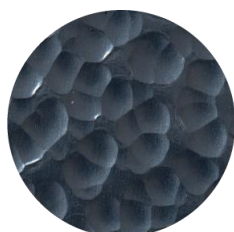
Orange



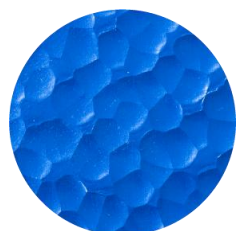
**Milky
Gray**



**Bronze-
colored**



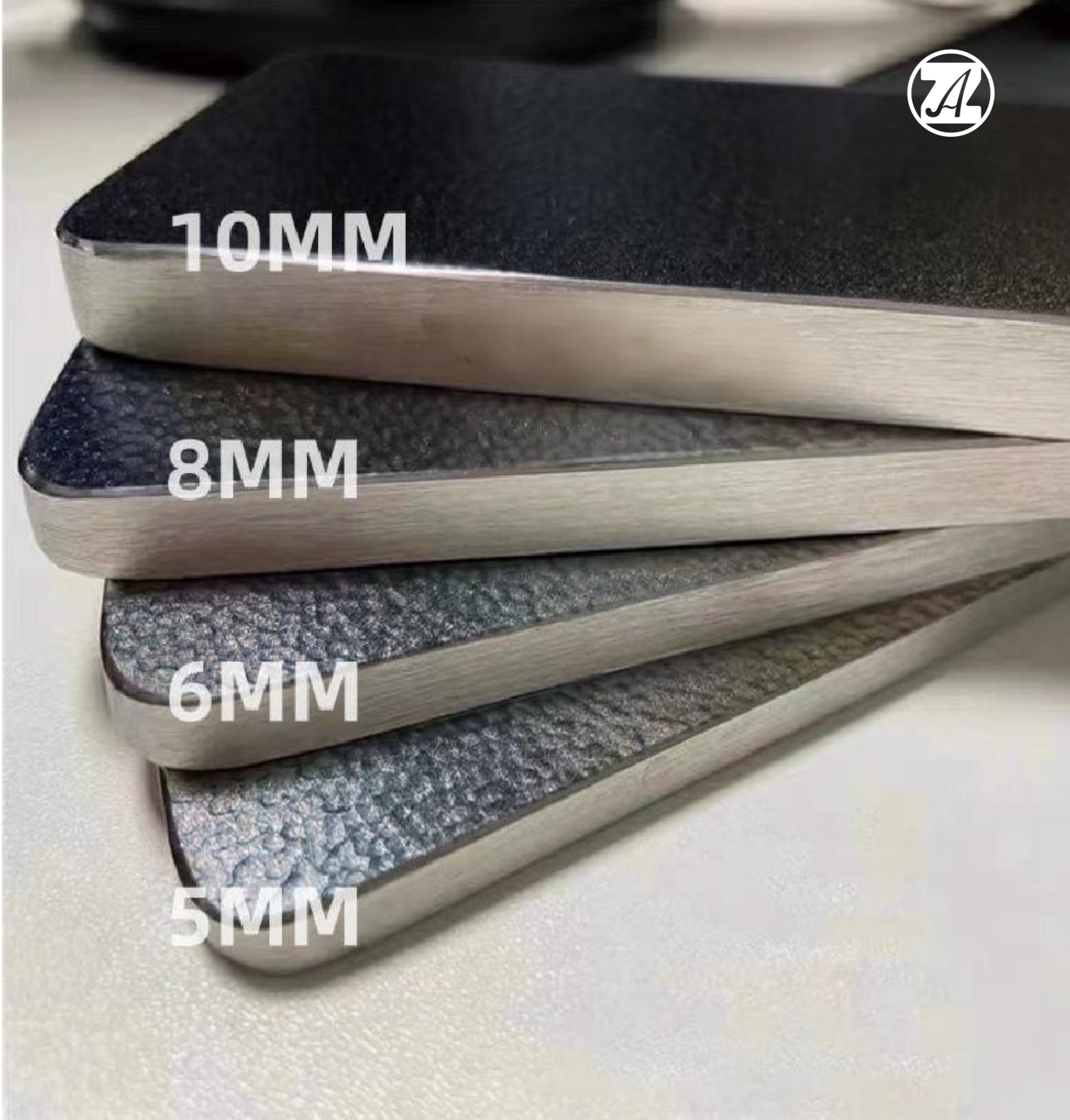
**Ultimate
Gray**



**Azure
Blue**



Inkiness

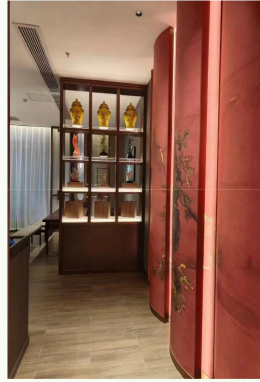




Engineering Cases



● Interior Ceiling Decoration



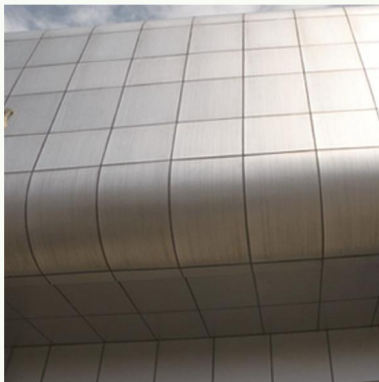
● Metal Cabinet



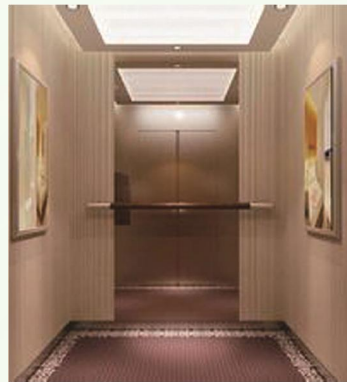
● Interior Wall Decoration



● Electrical Enclosures & Equipment Cabinets



● Metal Curtain Wall



● Elevator Car



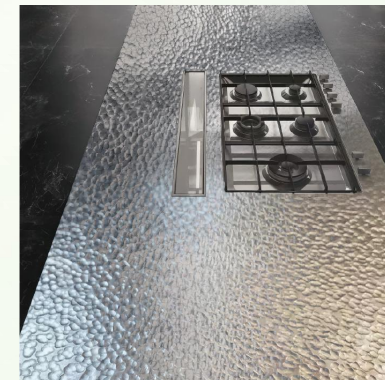
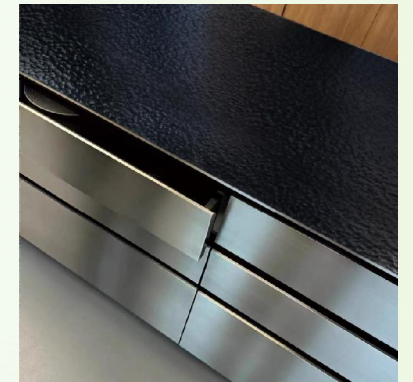
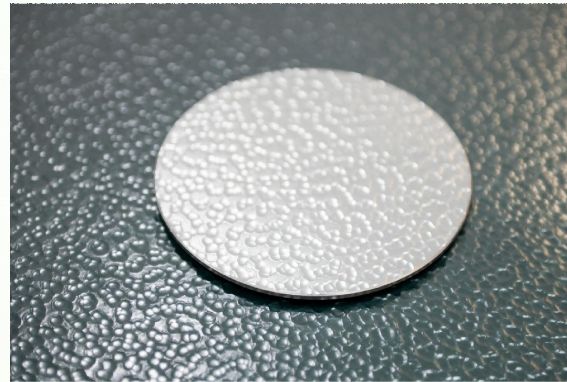
● Sliding Plate



● Aluminum Cladding Panel



Application cases





THANKS !

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