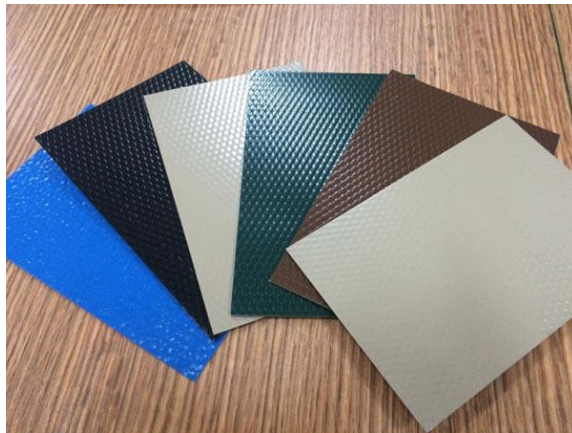




Color Coated Stucco Aluminum Sheet



Color stucco aluminum sheets are a type of aluminum sheet that has been coated with a colored finish and has a textured, stucco-like surface. The stucco finish gives the aluminum sheet a unique textured appearance, which can enhance the visual appeal of buildings and structures.

The most common embossed patterns on the surface of color coated stucco aluminum sheet are orange peel patterns, diamond patterns, hammered etc. These patterns can increase the three-dimensional sense and decorativeness of the board, while also diffusing light and reducing reflections and glare. This kind of color coated aluminum sheets are popular in various architectural and industrial applications due to their aesthetic appeal, durability and resistance to weathering.

Specification of Color Stucco Aluminum Sheet:

Alloy	1050, 1060, 1070, 1100, 3003, 3004, 3105, 5005, 5052, 6061, 8011, etc
Coil thickness	0.018-1.5mm
Coil width	30-2000mm, Standard 1240mm, MAX 2020mm
Coil weight	0.5 to 5.0 tons per coil
Surface treatment	PE/PVDF coated, Stucco Embossed
color	RAL/PANTONE color chart or customized
Packing	Standard exporting packing/ or at buyer's requirement
Trade Terms	FOB/CIF etc
Diameter	405mm, 505mm, 508mm
Coating thickness	14-28 microns (PE: ≥ 14 micron, PVDF: ≥ 25 micron)
Coils core diameter	150mm,405mm,505mm
Temper	O - H112
gloss	20-100%(matte: ≥ 20 , glossy: ≥ 60)

Standards and Specifications

ASTM	B209
ISO	ISO 26204 (alloy designations), ISO 6892 (mechanical testing),ISO 9001,ISO 14001.
UNS	A91050 (United States Numbering System)



Coating Parameter of Color Embossed Aluminium Sheet:

Item	POLYESTER	PVDF
Thickness of coating film	$\geq 18 \mu\text{m}$	$\geq 25 \mu\text{m}$
Gloss deviation	gloss<70, tolerance $\leq 10\%$	gloss<70, tolerance $\leq 10\%$
	gloss ≥ 70 , tolerance $\leq 5\%$	gloss ≥ 70 , tolerance $\leq 5\%$
Hardness of pencil	$\geq 3\text{H}$	$\geq 3\text{H}$
Adhesion	no lower than class 1	no lower than class 1
Flexibility	$\leq 2\text{T}$	$\leq 2\text{T}$
Boiling water resistance	no change (2h)	no change (2h)
Color difference	$\Delta E \leq 2.0$	$\Delta E \leq 2.0$
MEK	≥ 100 times	≥ 150 times

Warranty:

Regular PE: 3-5 years;

High Performance PE: 6-9 years;

PVDF: 15 years;

FEVE: Two coats: between 10-15 years;

FEVE: Three coats: 15-20 years.

Color Options of Color Coated Embossed Aluminum Sheet:

Neutral Colors:

White (creamy white, snow white), Black (matte black, glossy black), Gray (light gray, medium gray, dark gray), Silver (metallic silver close to the natural color of aluminum).

Colorful Colors:

Red (dark red, orange red), Blue (sapphire blue, light blue), Green (dark green, light green), Yellow (beige, bright yellow), Brown (light brown, dark brown).

Common Embossed Patterns:

Stucco Pattern:

Mimics the appearance of traditional stucco finishes.

Provides a textured surface that can help hide minor imperfections and scratches.

Diamond or Raised Patterns:

Features a diamond-shaped or raised design.

Often used in industrial applications for added grip and slip resistance.

Hammered Pattern:

Mimics the appearance of hammered metal, creating a textured surface with indentations.

Provides a rustic, artisanal look that can enhance the visual interest of both interior and exterior applications.

The hammered effect can also help hide fingerprints and minor surface imperfections.



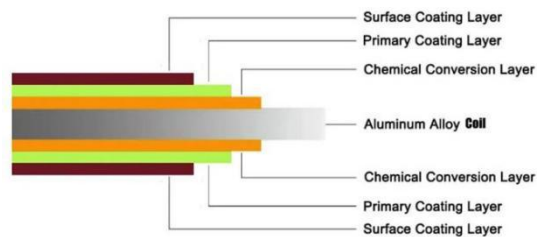
Wave or Ripple Patterns:

Features wavy or rippled designs that can add a dynamic visual effect.

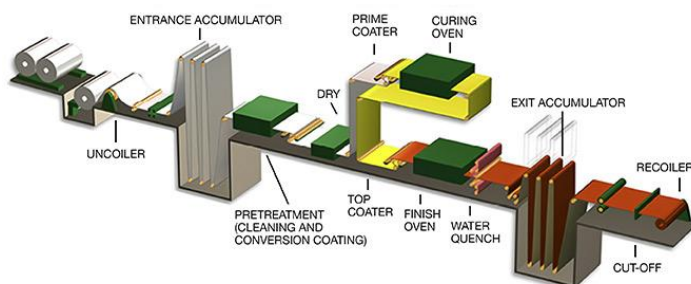
Often used in decorative applications to create a sense of movement.



Structure of Color Coated Embossed Aluminum Sheet:



Process of Coil Coating



Advantages of Color Coated Embossed Aluminum Coil:

Aesthetics:

Embossed patterns enhance the visual appeal of the sheets, providing a decorative element that can complement architectural designs.

**Durability:**

The texture can help conceal scratches and dents, maintaining a better appearance over time.

Light Diffusion:

Textured surfaces can help diffuse light, reducing glare in certain applications.

Durable:

Weather-resistant and corrosion-resistant (suitable for outdoor/humid environments), lightweight and resistant to bending and deformation, fire-resistant and temperature-resistant (stable from -40°C to 80°C).

Practical:

Easy to process (can be cut and bent), easy to install (lightweight), low-maintenance (cleanable with water), and recyclable aluminum, resulting in low long-term costs.

Applications of Color Coated Stucco Aluminum Sheet:**Architectural Cladding:**

Available in various colors to enhance the exterior appearance of buildings.

Building roofs:

Suitable for outdoor roofing systems of commercial buildings.

Interior Design:

Used for wall panels, and decorative elements to create visual interest.

Ceiling Tiles:

Textured sheets can be utilized in ceiling applications for a unique look.

Signage:

Bright and contrasting colors can make signage more noticeable and appealing.

Furniture and Fixtures:

Color coated embossed aluminum sheets can be used in the design of furniture, fixtures, and other decorative elements.

Packaging of Color Coated Embossed Aluminium Sheet:

- 1) LCL by wooden pallet package, fumigation wooden pallet is available
- 2) FCL by wooden pallet package loaded in the container
- 3) FCL in bulk loaded in the container
- 4) Customized package according to your demands

Shipping:

7-15 days after receipt of payment(depend on order quantity)