



HENAN FLAIT ALUMINUM CO., LTD.

Flait Aluminum is committed to product R&D, production, sales and service.

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Stucco Embossed Aluminum Coil

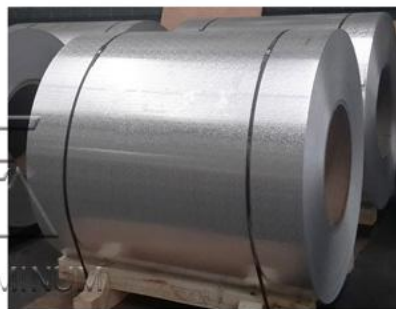
Embossed aluminum coils are usually made from aluminum wide coils, which are flat rolled products produced by hot and cold rolling mills. When the wide coil passes through the plate rolling machine with patterned rollers, the patterns on the rollers are pressed against the surface of the coil under pressure. It is widely used as insulation and sometimes for decoration. Alloys we commonly apply are 1xxx series, 3xxx series, 5xxx series.



Stucco embossed aluminum sheet



Stucco embossed aluminum sheet



Stucco embossed aluminum coil



Orange peel aluminum coil



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Product Specification

Alloy	1050,1060,1070,1100,3003,3105,5052
Temper(Base material)	O, H12, H14, H16, H18, H22, H24, H26, H32
Thickness(mm)	0.25-2.00
Width(mm)	1000-1500
Length(mm)	As per customer's requirements
Embossing Depth	0.08-0.25
Surface Treatment	Mill Finish,bright finish,anodized,color coated
Diagonal	+/-1.5
Pattern	Rhombic veins, orange peel veins, diamond veins, five-rib veins etc.
Inner Diameter	505mm
Outer Diameter	According to coil weight and finish
Packaging	Export packing: wooden pallets with plastics protection
Remark	We can produce as per customers'special requirements





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Chemical Composition											
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others: Each	Others: Total	Al: Min.
1050	0.25	0.40	0.05	0.05	0.05	-	0.05	0.03	0.03	-	99.50
1060	0.25	0.35	0.05	0.03	0.03	-	0.05	0.03	0.03	-	99.60
1070	0.20	0.25	0.04	0.03	0.03	-	0.04	-	-	-	99.70
1100	0.95 Si+Fe		0.05-0.20	0.05	-	-	0.10	-	0.05	0.15	99.00
3003	0.60	0.70	0.05-0.20	1.0-1.5	-	-	0.10	-	0.05	0.15	Remainder
3105	0.60	0.70	0.30	0.30-0.80	0.20-0.80	0.20	0.40	0.10	0.05	0.15	Remainder
5052	0.25	0.40	0.10	0.10	2.20-2.80	0.15-0.35	0.10	-	0.05	0.15	Remainder





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Advantages

1. Accurate dimensions and wide range of applications.
2. It has strong plasticity, easy molding and excellent processing performance.
3. Good corrosion resistance.
4. Good elongation and tensile strength, high formability.
5. The surface quality is good, without oil spots, waves, scratches, rolling marks, trimmed neatly, and without burrs.

Application

1. **Refrigeration equipment:** used as air-conditioning refrigerator, freezer, cold storage, refrigerator lining.
2. **Insulation and heat preservation:** Stucco embossed aluminum is usually used as a protective sheath material for insulation systems. It provides a durable and moisture-resistant outer layer for pipes and equipment in industrial and commercial buildings.
3. **Decorative finish:** used for indoor and outdoor architectural decoration and electrical panel decoration. Such as orange peel embossed aluminum coils for cabinet partition decoration; color-coated embossed stucco aluminum coils for home appliance panel decoration; embossed corrugated panels for warehouses and roofs.
4. **Bags, packaging, decorative lights:** Cobblestone (hammer/bean) embossed aluminum roll can be used for lighting decoration; Mirror embossed aluminum coils are often used in lamp lighting and reflector lampshades.



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The above mentioned aluminum product is produced according to national standard specifications. Please contact us for a free quote!

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