

## Aluminium Checker Plate | Haomei Checker Plate

[Aluminium checker plate](#) is most commonly stocked and sold in alloys 5052, 3003, 1060 and 6061. Alloy 5052 has good corrosion resistance and strength, and is sometimes referred to as “Marine Grade Aluminium”, and is used in the transport industry among many other applications. While alloy 3003 is commonly used for the manufacture of bright finishes with propeller or diamond shaped lozenges.

Aluminum checker plate is made by the semi-continuous casting, hot rolling and cold rolling of aluminium ingot. It is during the cold rolling operation where the checker or tread pattern is embossed onto one side of the coil during the final rolling operation. The rolls used to produce the pattern are expensive and made in unique sets. The height of the tread or lozenge is determined by the etching depth of the pattern into these finishing rolls.

Checker plate is used for many varied applications including; transport industry including rail, marine, trailers, trucks, offshore and tool boxes, kick boards, shop fronts, roofing and architectural decorative uses. Whilst it is aesthetically pleasing and functional in many applications, care should be taken to ensure this product meets all the design requirements, including; spans, thickness/load limits, slip rating and environment considerations.

### Specification of aluminium checker plate:

Grade	1050, 1060, 1100, 3003,5052, 5083, 5086, 6061 etc.
Temper	O, H12, H14, H16, H18, H24, H24, H26, H32, H34
Standard	ASTM-B209. EN573-1, GB/T3880.1-2006
Thickness	0.8 - 12mm
Width	400-1220mm
Length	max 6000mm for sheet or as required for coil
Pattern	big 5 bar / small 5 bar / 3 bar / diamond / pointer
Surface treatment	polished, mill finished, power coated, sand blast, anodized, brushed.
Surface Protection	Oleo phobic coating,protective film,paint coating.
Packing	Export wooden pallets. The bundle weight not exceed 2MT. Loading:by 1x20GP.
Quality	Totally free from defects like white rust, oil patches,roll marks, edge damage, camber, dents, holes, break lines, scratches and free from coil set.
MOQ	1-2 Metric ton
Free sample	Available
Delivery time	20-30 days after deposit

### Properties of aluminum checker plate

According to the different classification of aluminum sheet alloy

1) the general aluminium checker plate: 1060 aluminum checker plate for the plate able to adapt to the normal environment, it has low prices. Usually used in cold storage, flooring and packaging.

2)Al-Mn alloy aluminium checker plate: 3003 as the main raw material processing, also known as rust-proof aluminum, the strength is slightly higher than the ordinary aluminum checker plate, with a certain anti-rust properties, but the hardness and corrosion resistance less than 5000 series of aluminium checker plate, so the product is not strictly used in the anti-rust, such as truck models, cold storage floor.

3)aluminum-magnesium alloy checker plate: 5052 or 5083, such as 5000 series of aluminum as raw material processing, with good corrosion resistance, hardness, anti-rust performance. Usually used in special places, such as ships, cars lights, humid environment, the high hardness of aluminum, a certain load-bearing capacity.

**Features of aluminium checker plate 6mm:**

Anti-skid. It is benefit from the raised surface of the checker plate.

Anti-corrosion and rust. The aluminum and galvanized material can help the checker plate from the corrosive and dusty environments.

Anti-high temperature and alkaline.

Decorative. The bright surface, especially the polished aluminum checker plate has outstanding decorative affection.

Easy to install and economical. They are one-piece structure and lightweight, we can install them with few people and less cost.

**Application of alum checker plate:**

Floor Covering for hygiene and slip resistance.

Wall and column protection to prevent impact damage where hand trucks, trolleys, sack carts are operated.

Door protection as kick plates or as a full door cladding.

Commercial vehicle and vans.

Access ramp covering for wheelchairs.

Livestock trailer tailgate ramps and flooring.

Land rover and other off road vehicle body protection, bonnets, wings, sills, corners, floors, bumpers, mud flaps, door plates, side plates, load area plates.

Truck Bed Tool Boxes.

Stair treads, step ladders, walkways.

Shop front facial for vandal protection.

**Producing Line of aluminium checker plate sizes:**

Haomei have one 1+2 hot rolling production line, six 2450mm, 2050mm, 1650mm, 1450mm cold rolling lines, two 1650mm foil rolling production lines, two 1850mm continuous rolling production lines and one roll coating production line. These equipment enables us to provide quality checkered plates products for our customers.

