

3003 Aluminum Diamond Plate | Haomei Aluminum Tread Plate

[3003 aluminum diamond plate](#) is normally used in trim, ornamental, and structural applications. 3003 aluminum tread plate is highly workable, formable, and extremely corrosion resistant. The texture of this plate also increases its rigidity. Haomei 3003 aluminum tread plate is available in full size and custom cut lengths.

Aluminum 3003 is an alloy with very good corrosion resistance and moderate strength. It is not heat treatable and develops strengthening from cold working only. Aluminum diamond plate has a bright finish in the 3003-H22 alloy. Aluminum diamond plate is strong and lightweight. It is also corrosion-resistant and moisture-resistant, making it great for outdoor or indoor use. The diamond plate has a beautiful pattern that is slip-resistant and provides great traction. Aluminum diamond plate has the raised diamond pattern on one side and the reverse side is smooth.

Specification of 3003 aluminum diamond plate are:

Alloy:3003 ASTM B209

Temper:H12,H22,H24,H114

Thickness:1.1mm-6.0mm

Width:600mm-2000mm

Length: up to 11000mm for sheet

ID:508mm for coil

Height of bar:0.6mm-1.2mm

Mechanical Properties: Non-magnetic, Tensile = 17,000, Yield = 12,000 (+/-)

Features of 3003 aluminum tread plate

Excellent at resisting moisture and strong for its light weight. Diamond Tread pattern is slip-resistant and cosmetically appealing for hundreds of decorative applications. Available in a brilliant, high polished, reflective shine.

Lightweight with a highly polished textured finish. Raised diamond pattern provides all around traction.

Workability: Excellent candidate for most processing techniques. Good corrosion resistance.

Application of 3003 aluminium diamond plate

USES: Commonly used for safety, catwalks, trench covers, walkways, flooring, wall panels, diamond plate trim, counter tops, dance floor, floor tile, tool boxes, truck bed, truck body, loading ramps, stair tread, dock plate, dock board, decorative purposes, fire trucks, ambulances, recreational vehicles, footplate of car and steamboat staircase.

