

FAQ - Diamond Plate

Our Diamond Plate Corner Guards are formed from sheets of Tread Brite, Mirror Finish, Aluminum Diamond Plate material. Aluminum Diamond Plate Corner Guards create an industrial-high-tech look, while protecting your corners from impact damage.

- This product is offered in material thicknesses of .063" and .125".
- We offer standard corner guards and cove base molding in this material.
- Bullnose and Inside Corner Guards cannot be fabricated in this material.
- Diamond Plate aluminum is Grade 6061.

More information on Diamond plate

From Wikipedia: https://en.wikipedia.org/wiki/Diamond_plate

Diamond plate, also known as **checker plate**, **tread plate**^[1] and **Durbar floor plate**, is a type of [metal stock](#) with a regular pattern of raised [diamonds](#) or lines on one side, with the reverse side being featureless. Diamond plate is usually [steel](#), [stainless steel](#) or [aluminum](#). Steel types are normally made by [hot rolling](#), although modern manufacturers also make a raised and pressed diamond design.

The added texture reduces the risk of slipping, making diamond plate a solution for [stairs](#), [catwalks](#), walkways, and ramps^[1] in industrial settings.^[2] Its non-skid properties mean that diamond plate is frequently used on the interior of ambulances and on the footplates of firetrucks. Additional applications include truck beds and trailer floors.^[1]

Diamond plate can also be used decoratively, particularly highly polished aluminum variants. Manufactured in plastic, diamond plate is marketed as an interlocking tile system to be installed on garage floors, trailers, and exercise rooms.^[3]

Diamond plate may be used for surface protection against damage from foot traffic or harmful chemicals. Manufactured with polymer variants, inter-locking diamond plate tile is used in areas with high surface-erosive traffic.^[4]

[Tata Steel](#) marketed the plate as Durbar Plate.^[5]

"Diamond plate" can also refer to similar anti-slip textures.

What is plate diamond?

Diamond plate, also known as checker plate, tread plate and Durbar floor plate, is a type of metal stock with a regular pattern of raised diamonds or lines on one side, with the reverse side being featureless. ... Diamond plate may be used for surface protection against damage from foot traffic or harmful chemicals.

What is the difference between diamond plate and tread plate?

There is really no difference between diamond plate, tread plate, and checker

Why is it called diamond plate?

Diamond plate, also referred to as checker plate or tread plate, is a type of metal typically made from either aluminum or steel. It's called diamond plate due to the raised, diamond-shaped lines that criss-cross at 90-degree angles. Feb 2, 2018

Does aluminum diamond plate rust?

Diamond plate is made from hot-rolled Aluminum sheets and comes in a range of thicknesses. Aluminum doesn't rust like steel, and the sheets are remarkably resilient to wear. That means you don't have to worry about dirt and damp damaging it.

How strong is aluminum diamond plate?

The aluminum 6061 alloy is strong, easily machined, and weldable. Aluminum 6061 alloys are doubled the strength of aluminum 6063 alloys. Aluminum 6061 has an ultimate tensile strength of at least 42,000 psi (290 MPa) and yield strength of at least 35,000 psi (241 MPa).

Quippini, LLC. - TheCornerGuardStore.com

11445 E Via Linda
Suite 2323
Scottsdale, AZ 85259

Give us a call at: **(800) 516-4036**

email us at sales@TheCornerGuardStore.com

Chat with us at TheCornerGuardStore.com

Use our [Contact Us](#) page.