



TRI-CHEM

TRI-ANTI SKID

It's a FACT that over 20% of industrial injuries result from slips and falls. These accidents commonly occur when liquids, lubricants or foreign materials accumulate on floors, stairs or work platforms. With the use of Tri-Anti Skid products employees and employers are provided with the highest level of protection from slips and falls.

Tri-Anti Skid stair treads and covers are an integral component for slip resistant safety in wet and oily conditions. Tri-Anti Skid treads and covers are easily retrofitted over existing grating and unsafe diamond checker plate assemblies. Tri-Anti Skid stair treads and covers minimize the liabilities of slip and fall accidents.

Tri-Anti Skid slip resistant stair treads and covers are available in grating, plate, perforated plate and expanded metal.

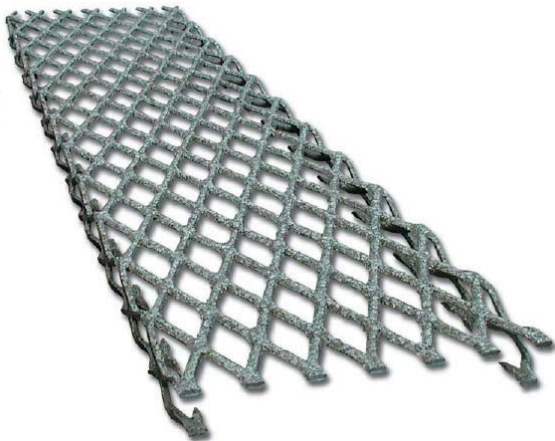
Tri-Anti Skid is an all metal coating that is completely grit-free providing 100% slip resistant coverage.

TRI-ANTI SKID EXPANDABLE METAL

PRODUCT INFORMATION

- Available thickness: 1/8"-3/8"
- Available tread widths: Customer specific
- Available lengths: Up to 10'
- Customized shapes and sizes can be fabricated to meet job specifications
- Available Tri-Anti Skid surfaces: Steel, Aluminum, and Stainless Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse)
- Finishes: Mill, Galvanized, Painted or Customized
- Available with countersunk holes or mounting plates
- Weld to existing stairs, platforms, etc.

Tri-Anti Skid products range from floor plates, bar grating, road plates, nosings, ladder rungs and rung covers and vault covers, to handrails, perforated and expanded metal retrofit plates. Tri-Anti Skid is the one-time answer for increased productivity and safety.



STEEL GRATING STAIR TREAD



Steel Surface



Steel grating stair tread

Tri-Anti Skid Steel Grating Stair Treads

Tri-Anti Skid Grating Stair Treads provide a slip resistant solution for keeping workers and pedestrians safe on dangerous stairways.

PRODUCT INFORMATION

- Available tread width: Customer Specific
- Available tread thickness: 1" x 3/16", 1-1/4" x 3/16", 1-1/2" x 3/16"
- Available grating spacing:
 - ADA: 7-2, 7-4, 11-2, 11-4
 - Standard industrial: 15-2, 15-4, 19-2, 19-4
 - Others available please inquire
- Custom shapes and sizes can be fabricated to meet job specifications
- Available Tri-Anti Skid surface: Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse)
- Available in: Welded, press-locked, swaged lock or flush mount construction
- Available banded or with standard end plates
- Standard tolerance: +/- 1/4"

PRODUCT FEATURES

- Advantages: Grating treads are ideal in areas where frequent use of exposure to slippery environments increase the risk of accidents and potential public access liability problems. Grating treads are suitable for new construction and for replacing worn or dangerous treads in existing areas.
- Durability: Treads coated with Tri-Anti Skid have a file hard surface of over 55 on the Rockwell "C" scale and have a bond strength of over 4,000 psi.
- Finishes: Steel grating treads can be ordered in a mill finish, painted or can be hot dipped galvanized.
- Application: Treads are generally welded directly onto current treads, stringers or can be bolted in place.

PRODUCT APPLICATIONS

- Anti-slip industrial stairway
- Dock stairway
- Mezzanine stairway
- Non-slip airplane stairway
- School stairway
- Slip resistant commercial stairway

STEEL PLATE STAIR TREADS



Plate Stair Tread



Steel plate stair treads make any existing stairway safe and slip resistant

Tri-Anti Skid Stair Treads

Tri-Anti Skid plate stair treads can be used in new construction or can be retrofitted over existing slippery stairs.

PRODUCT INFORMATION

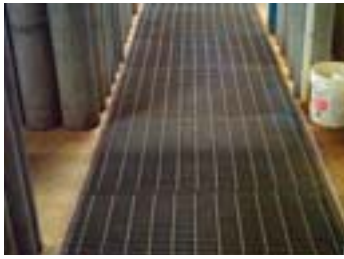
- Available tread width: Customer Specific
- Available tread thickness: 1/8", 3/16", 1/4", 3/8"
- Available tread length: 10'
- Custom shapes and sizes can be fabricated to meet job specifications
- Available Tri-Anti Skid surface: Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse)
- Standard tolerance: +/- 1/8"

PRODUCT FEATURES

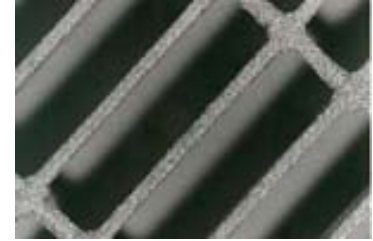
- **Advantages:** Tri-Anti Skid steel stair treads are ideal in areas where frequent use or exposures to slippery environments increases the risk of accidents and public access liabilities.
- **Durability:** Treads coated with Tri-Anti Skid have a file hard surface of over 55 on the Rockwell "C" scale and have a bond strength of over 4,000 psi.
- **Finishes:** Steel stair treads can be ordered in a mill finish, painted or can be hot dipped galvanized.
- **Fabrication:** Stair treads can be formed to specifications with nosings only, risers along with nosings or formed to a channel. Holes can be provided pre-drilled or can be drilled and countersunk in the field. Treads are available formed to detail with or without mounting plates. Treads are manufactured to specifications for thickness and depth
- **Application:** Stair treads are easily retrofitted over existing concrete, grating or unsafe diamond checker plate assemblies. Treads can be welded directly onto current treads or stringers or can be bolted in place. Mid-point and top formed landings are also available.

PRODUCT APPLICATIONS

- Anti-slip industrial stairway
- Dock stairway
- Mezzanine stairway
- Non-slip airplane stairway
- School stairway
- Slip resistant commercial stairway



Our Grip Grate is slip resistant, fireproof and toxic fume free



Tri-Anti Skid Steel Grip Grate

Tri-Anti Skid slip resistant grating meets all safety standards while far exceeding the OSHA and ADA recommendations for COF, which plain bar and serrated grating fail to meet.

PRODUCT INFORMATION

- Available stock widths: 24" or 36"
- Available stock lengths: 240" or 288"
- Custom shapes and sizes can be fabricated to meet job specifications
- Available in: Light duty and heavy duty
- Available grating spacing:
 - ADA: 7-2, 7-4, 11-2, 11-4
 - Standard industrial: 15-2, 15-4, 19-2, 19-4
 - Others available please inquire
- Available Tri-Anti Skid surface: Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse)
- Available in: welded, press-locked, swaged lock or flush mount construction
- Available trim or load bonded
- Standard tolerances: Mill or +/- 1/4"

PRODUCT FEATURES

- **Advantages:** Tri-Anti Skid steel grating has an unmatched surface hardness and a long life. It is also a permanently safe replacement for slippery serrated and plain bar grating. All Tri-Anti Skid products are NSF registered.
- **Availability:** Grating is available in many different styles and spacing options to meet a variety of needs and applications.
- **Durability:** Grating coated with Tri-Anti Skid has a file hard surface of over 55 on the Rockwell "C" scale and a bond strength of over 4,000 psi.
- **Fabrication:** Can be purchased in stock panels or fabricated to meet the project specifications.
- **Finishes:** Grates can be ordered in a mill finish, painted black, gray, safety yellow or can be hot dipped galvanized.
- **Other Options:** Existing grating can also be coated with our Tri-Anti Skid surface. Tri-Anti Skid flattened expanded metal can also be retrofitted over existing grating, instantly creating a slip resistant surface.

PRODUCT APPLICATIONS

- ADA slip resistant ramps, Anti-slip bridge decking, Bridge walkway
- Entry grating, Fire truck platforms, Mass transit platforms
- Marine and ship decks, Mezzanines, Non-slip walkways
- Non-skid pit covers, Slip resistant platforms, stair treads
- Trench grating, Truck platforms, Vault covers

ALUMINUM GRIP GRATE



Aluminum Grip Grate Surface

Tri-Anti Skid Aluminum Grip Grate

Tri-Anti Skid slip resistant grating meets all safety standards while far exceeding the OSHA and ADA recommendations for COF, which plain bar and serrated grating fail to meet.

PRODUCT INFORMATION

- Available stock widths: 24" or 36"
- Available stock lengths: 240" or 288"
- Custom shapes and sizes can be fabricated to meet job specifications
- Available in: Light duty and heavy duty
- Available grating spacing:
 - ADA: 7-2, 7-4, 11-2, 11-4
 - Standard industrial: 15-2, 15-4, 19-2, 19-4
 - Others available please inquire
- Available Tri-Anti Skid surface: Aluminum, Stainless Steel, Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse, only offered on Steel Tri-Anti Skid)
- Available in: welded, press-locked, swaged lock or flush mount construction
- Available trim or load bonded
- Standard tolerances: Mill or +/- 1/4"

PRODUCT FEATURES

- Advantages: Tri-Anti Skid non slip aluminum grating is lightweight, durable and does not rust. It is also a permanently safe replacement for slippery serrated and plain bar grating. All Tri-Anti Skid products are NSF registered.
- Availability: Grating is available in many different styles and spacing options to meet a variety of needs and applications.
- Durability: Aluminum grating coated with aluminum Tri-Anti Skid has a bond strength of 2,000 psi. If coated with steel or stainless steel Tri-Anti Skid it has a bond strength of 4,000 psi.
- Fabrication: Can be purchased in stock panels or fabricated to meet the project specifications.
- Finishes: Grates can be ordered in mill finish or painted.
- Other Options: Existing grating can also be coated with our Tri-Anti Skid surface. Tri-Anti Skid flattened expanded metal can also be retrofitted over existing grating, instantly creating a slip resistant surface

PRODUCT APPLICATIONS

- ADA slip resistant ramps, Anti-slip bridge decking, Bridge walkway
- Entry grating, Fire truck platforms, Mass transit platforms
- Marine and ship decks, Mezzanines, Non-slip walkways
- Non-skid pit covers, Slip resistant platforms, stair treads
- Truck platforms, Vault covers, Vault Platforms

ALUMINUM PLATE STAIR TREADS



Aluminum Surface



Aluminum Plate Stair Tread

Tri-Anti Skid Aluminum Plate Stair Treads

Tri-Anti Skid plate stair treads can be used in new construction or can be retrofitted over existing slippery stairs.

PRODUCT INFORMATION

- Available tread thickness: 1/8", 3/16", 1/4", 3/8"
- Available tread width: Customer Specific
- Available tread length: Up to 10'
- Custom shapes and sizes can be fabricated to meet job specifications
- Bend Degree: 90° or to degree angle specified
- Available Tri-Anti Skid surface: Aluminum, Stainless Steel, Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse, only offered on Steel Tri-Anti Skid surface)
- Tolerance: +/- 1/8"

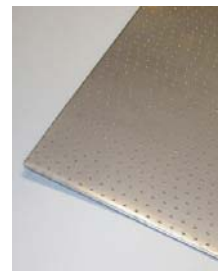
PRODUCT FEATURES

- Advantages: Tri-Anti Skid aluminum treads are ideal in areas where frequent use or exposure to slippery environments increases the risk of accidents and public access liabilities
- Finishes: Grates can be ordered in mill finish or painted.
- Fabrication: Stair treads can be formed to specifications with nosings only, risers along with nosings or formed to a channel. Holes can be provided pre-drilled or can be drilled and countersunk in the field. Treads are available formed to detail with or without mounting plates. Treads are manufactured to specifications for thickness and depth
- Application: Stair treads are easily retrofitted over existing concrete, grating or unsafe diamond checker plate assemblies. Treads can be welded directly onto current treads or stringers or can be bolted in place. Mid-point and top formed landings are also available.

PRODUCT APPLICATIONS

- Anti-slip industrial stairway
- Dock stairway
- Mezzanine stairway
- Non-slip airplane stairway
- School stairway
- Slip resistant commercial stairway
- Slip resistant ship/marine stairway

ALUMINUM / GALVANIZED GRIP PLATE



Aluminum plate

Tri-Anti Skid Aluminum and Galvanized Grip Plate

Tri-Anti Skid long lasting, slip resistant floor plates are designed for applications where durability and safety are critical.

PRODUCT INFORMATION

- Available stock thickness: 1/8" to 2+
- Available stock widths: 4', 5', 6'
- Available stock lengths: 8', 10', 12'
- Custom shapes and sizes can be fabricated to meet job specifications
- Available Tri-Anti Skid surface: Aluminum, Galvanized Steel
- Available in: Grade 1 (Fine), Grade 2 (Med.) or Grade 3 (Coarse, only offered on Steel Tri-Anti Skid)
- Available alloy: 5052 Alum, Galvanized Steel
- Standard tolerances: Mill (for stock material), or +/- 1/8 cut to size or according to specifications

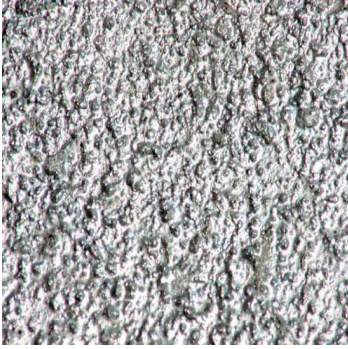
PRODUCT FEATURES

- **Advantages:** Tri-Anti Skid non-slip aluminum plates are lightweight, durable and do not rust. Tri-Anti Skid aluminum plates provide a permanently safe replacement for slippery aluminum diamond plate.
- **Availability:** Tri-Anti Skid slip resistant plates can be purchased in stock sheets or can be cut to size and custom formed in order to meet specific project requirements.
- **Fabrication:** Plates can be sheared, welded, flame cut, torch cut, laser or water-jet cut, plasma cut, countersunk, drilled and punched for complete versatility both in the shop and field. When fabricating or working with our product it can be treated like any other metal plate or grating.
- **Other Options:** Retrofitting Tri-Anti Skid plate over existing slippery grating instantly creates a safe, slip resistant walkway.

PRODUCT APPLICATIONS

- ADA slip resistant ramps, Anti-slip bridge decking, Industrial Flooring
- Floating docks, Lightweight conveyor covers, Metal deck
- Non-skid metal walkways, Non-slip flooring, Pedestrian walks
- Pull box covers, Safety road plates, Slip resistant platforms
- Stair treads, Trench covers, Utility vault covers

EXPANSION JOINT COVERS



Aluminum expanded metal can be coated with aluminum, steel or stainless steel



Aluminum expanded metal is lightweight and corrosion resistant

Tri-Anti Skid Expansion Joint Covers

Tri-Anti Skid Expansion Joint Covers provide a durable, corrosion resistant, high traction walking surface for pedestrians. Non-slip expansion joint covers are available with beveled edges, center crown, counter sunk holes and corner chamfers per agency specifications. The Tri-Anti Skid surface exceeds FDOT, TxDOT and other agency standards with a coefficient of friction greater than or equal to 0.85. Expansion joint covers are utilized for bridge sidewalks, parking decks, transportation platforms, walkways and other areas public safety is a concern.

PRODUCT INFORMATION

- Expansion joint cover thickness: 1/4" or per specification
- Expansion joint cover widths: 15", 16" or per specification
- Expansion joint cover lengths: Per specification
- Expansion joint covers can be custom fabricated to meet job specifications
- Available Tri-Anti Skid surface: Steel Surface on Steel
- Available Tri-Anti Skid finishes: Galvanized
- Galvanized steel plate is available in: Grade 2 (Med) or Grade 3 (Coarse)
- Available alloys: A-572 or per specification
- Standard tolerance: +0 / -1/8"
- Available with edges beveled, center crown, counter sunk holes and corner chamfers

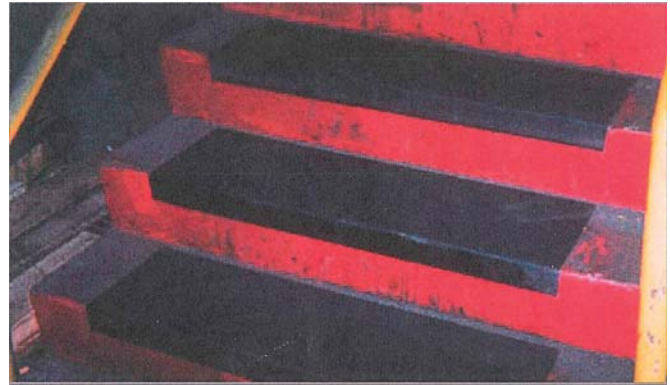
PRODUCT FEATURES

- Advantages: Tri-Anti Skid non-slip aluminum plates are lightweight, durable and do not rust. Tri-Anti Skid aluminum plates provide a permanently safe replacement for slippery aluminum diamond plate. Our products are also NSF registered.
- Availability: Tri-Anti Skid slip resistant plates can be purchased in stock sheets or can be cut to size and custom formed in order to meet specific project requirements.
- Durability: Galvanized steel plate has a file hard surface between 55 – 63 on the Rockwell "C" scale and a bond strength of at least 4000 psi.
- Fabrication: Galvanized steel plate can be sheared, welded, flame cut, torch cut, laser or water-jet cut, plasma cut, countersunk, and drilled for complete versatility, both in the shop and field. When fabricating or working with our product, it can be treated like any other metal plate or grating.

EXAMPLES



Tri-Anti Skid stair treads and covers have been utilized in food processing facilities to keep workers on their feet.



Tri-Anti Skid anti-slip treads and covers are a permanent way to provide a sure-footed, slip resistant surface to cover or to replace wood, concrete, diamond plate and fiberglass stairs.

- TYPE:**
- ☐ Grating Stair Treads
 - ☐ Plate Stair Treads
 - ☐ Grip Grate
 - ☐ Grip Plate
 - ☐ Expansion Joint Covers

(If plating, please specify in the comments section if you want them with or without holes)

QUANTITY: _____

- MATERIAL:**
- ☐ Galvanized Steel
 - ☐ Aluminum

DIMENSIONS: _____ X _____ X _____
Length Width Thickness

Comments:



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