

SAFETY AND REASSURANCE FROM THE GROUND UP

SLIPNOT®



WHAT IS SLIPNOT?

SLIPNOT® is an all metal slip resistant surface.
The SLIPNOT process consists of applying molten metal to metal substrates by plasma spray deposition, resulting in a file hard random stacked hatch matrix covering 100% of substrate surfaces. SLIPNOT's unparalleled surface hardness is combined with a maximum bond strength producing the most durable, longest lasting slip resistant surface available.

SLIPNOT metal flooring products exceed all recommendations for coefficient of friction and slip resistant surfaces as specified by ANSI, ASTM, NFPA, NFSI, UL, ADA, and OSHA.

$70 BILLION SPENT

ANNUALLY IN COMPENSATION & MEDICAL COSTS ASSOCIATED WITH EMPLOYEE SLIP AND FALL ACCIDENTS ACCORDING TO THE NATIONAL SAFETY COUNCIL.

source: www.nfsi.org

BENEFITS

- **Reduces liability** - safer and more productive work areas
- **Exceeds** - all regulatory agency recommendations for slip resistance
- **Long lasting** - surface with a hardness of over 55 on the Rockwell "C" scale
- **Durable** - with a surface bond strength of over 7,500 psi on stainless steel; 5,000 on steel; and 2,000 on aluminum
- **Economical** - durability and longevity result in significant life-cycle cost savings
- **Versatile** - can be fabricated to meet project needs
- **Slip resistance** - SLIPNOT is a high traction surface, with a dynamic coefficient of friction of 0.80 (dry) / 0.65 (wet) or higher. Coefficient of friction values depend on test method, sensor, and environmental conditions.

Benefits of added workplace safety:

Source: OSHA

1. Companies that implement effective safety and health programs can expect reductions of 20% or greater in their injury and illness rates and a return of $4 to $6 for every $1 invested.
2. Liberty Mutual survey shows 61% of executives say $3 or more is saved for each $1 invested in workplace safety.
3. The American Society of Safety Engineers calls investment in improving workplace safety "a sound business strategy" with a "positive impact on the financial bottom line".



Genuine SLIPNOT®
EXTENDED WARRANTY

SLIPNOT NOW HAS AN IDENTIFIER ON OUR PRODUCTS

Due to the overwhelming volume of low-quality slip resistant technologies, our customers have asked us to provide a product seal representing the safety, performance, and durability only found with Genuine SLIPNOT. The full SLIPNOT logo will appear on all orders of our products to ensure authenticity.

We know that slip resistance cannot be left to chance. With the SLIPNOT logo visible on walkways, entryways, stairways, and other high trafficked areas, you can have the added assurance that employees and visitors have safe walking and working surfaces.

GENUINE SLIPNOT EXTENDED WARRANTY

Available on Genuine SLIPNOT stainless steel material, this extended warranty reinforces our promise to keep you safe for every step you take.

Eligibility for this extended warranty requires SLIPNOT verification of proper installation of Genuine SLIPNOT stainless steel at your facility or site. Since SLIPNOT is inspecting and confirming proper installation at the point of use, it does not matter if you, a contractor, or other third party place the order and install the material.

SLIPNOT stainless steel has been independently tested and verified to last at least 5x longer than alternative slip resistant solutions. We're proud to back up these results with our extended warranty.

DELAMINATION GUARANTEE

In conjunction with our Genuine SLIPNOT extended warranty on stainless steel, SLIPNOT now offers a 10-year guarantee against delamination of our stainless steel surface.

- If the stainless steel material you installed was fabricated prior to the application of the SLIPNOT surface, SLIPNOT guarantees that the coating will not delaminate for at least 10 years under normal installation and use conditions.
- If material was fabricated from pre-treated SLIPNOT stainless steel material and done in compliance with SLIPNOT's stated fabrication methods, SLIPNOT guarantees these surfaces will not delaminate for at least 10 years under normal installation and use conditions.

COVERED FABRICATION METHODS

- Flame/torch cutting
- Laser cutting
- Plasma cut
- Water-jet
- Welding
- Air bending internal angles of 75°-90° and a minimum bend radius of 3/4"

For air bending, use standard practices for the thickness and type of substrate alloy to be formed.

Non-steel SLPNOT surfaces require protection from steel tooling contact points or rust lines from the forming process will appear later due to the steel surface contamination.

Forming aluminum SLIPNOT will result in the total compression of the SLIPNOT surface at the bottom-die contact points. This will create a bare-material line at each of these intersections but will not alter the performance characteristics of the remaining surface.

NOT-COVERED FABRICATION METHODS

- Shearing
- Hole punching
- Saw cutting
- Other edge-related cutting methods
- Bends with a tighter radii than 3/4"

SLIPNOT's surface hardness can and will dull tooling used for the above fabrication methods. Subsequent punches or shears done with dull edges can readily cause product flaking at impact areas. This is not the case with the fabrication methods covered under SLIPNOT's delamination guarantee.

Bending material coated with SLIPNOT with a tighter radii than 3/4″ will increase the risk of surface cracking and/or delamination as the bend radius decreases.

SLPNOT products may be formed to tighter angles and smaller radii than what is outlined; however, these parameters are outside of the coverage of the delamination guarantee and are done at your own risk.

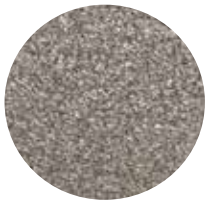
SURFACES & GRADES

SLIPNOT is applied directly to a metal substrate in steel, stainless steel, or aluminum alloys. The SLIPNOT surface application does not change the chemical or structural properties of the metal substrates, other than creating a durable, long lasting slip resistant surface.

SLIPNOT is available in three grades; Grade 1 (Fine), Grade 2 (Medium), and Grade 3 (Coarse - Steel surface only). The different grades available refer to the depth or coarseness of the SLIPNOT surface.

Diamond or checker plate surfaces offer inadequate slip resistance, particularly when worn or wet...to the point of being dangerously unsafe.

Article featured in Professional Safety: Official Publications of The American Society of Safety Engineers.



STEEL

SLIPNOT slip-resistant, steel [plate] [grating] [stair tread] [other], as manufactured by SLIPNOT division of Traction Technologies Holdings, LLC (1-800-SLIPNOT or info@slipnot.com) in alloys, sizes, and thicknesses as shown on drawings. Product shall incorporate an anti-slip SLIPNOT steel surface [covering 100% of walking surfaces] [with application masked as described by drawings] consisting of a random hatched matrix with a surface hardness of at least 55 on the Rockwell "C" Scale and a bond strength to the substrate of at least 5,000 psi. The slip-resistant surface shall have a minimum wet dynamic coefficient of friction (DCOF) of >0.65 as determined by American National Standards Institute (ANSI) method B101.3. Surface treatment shall be listed as slip-resistant by Underwriters Laboratories. Surface treatment shall have Genuine SLIPNOT identification.



STAINLESS STEEL

SLIPNOT slip-resistant, stainless steel [plate] [grating] [stair tread] [other], as manufactured by SLIPNOT division of Traction Technologies Holdings, LLC (1-800-SLIPNOT or info@slipnot.com) in alloys, sizes, and thicknesses as shown on drawings. Product shall incorporate an anti-slip SLIPNOT stainless steel surface [covering 100% of walking surfaces] [with application masked as described by drawings] consisting of a random hatched matrix with a surface hardness of at least 55 on the Rockwell "C" Scale and a bond strength to the substrate of at least 7,500 psi. The slip-resistant surface shall have a minimum wet dynamic coefficient of friction (DCOF) of >0.65 as determined by American National Standards Institute (ANSI) method B101.3. Surface treatment shall be listed as slip-resistant by Underwriters Laboratories and certified high traction by NFSI. Surface treatment shall have Genuine SLIPNOT identification.



ALUMINUM

SLIPNOT® slip-resistant, aluminum [plate] [grating] [stair tread] [other], as manufactured by SLIPNOT division of Traction Technologies Holdings, LLC (1-800-SLIPNOT or info@slipnot.com) in alloys, sizes, and thicknesses as shown on drawings. Product shall incorporate an anti-slip SLIPNOT aluminum surface [covering 100% of walking surfaces] [with application masked as described by drawings] consisting of a random hatched matrix with a bond strength to the substrate of at least 2,000 psi. The slip-resistant surface shall have a minimum wet dynamic coefficient of friction (DCOF) of >0.65 as determined by American National Standards Institute (ANSI) method B101.3. Surface treatment shall be listed as slip-resistant by Underwriters Laboratories. Surface treatment shall have Genuine SLIPNOT identification.

GRADE 1 - FINE



- Average peak to valley depth of 0.015"-0.020"
- Used in light duty applications
- Available for all SLIPNOT surfaces
- For specialty use - not recommended in most applications

GRADE 2 - MEDIUM



- Average peak to valley depth of 0.020"-0.025"
- Applicable to nearly every situation
- Available for all SLIPNOT surfaces
- Used in majority of applications

GRADE 3 - COARSE



- Average peak to valley depth of 0.025"-0.030"
- Used in most demanding environments
- Only offered in steel

FINISHES

MILL
SLIPNOT is produced in a standard mill finish. There are no additives or paints applied to the product besides the slip resistant coating. Mill finish will be the raw material color.

PAINTED
SLIPNOT products can be painted, however, care must be taken in order not to compromise the slip resistant properties of the surface. Paint is available in black, safety yellow, or customized to fit job specifications.

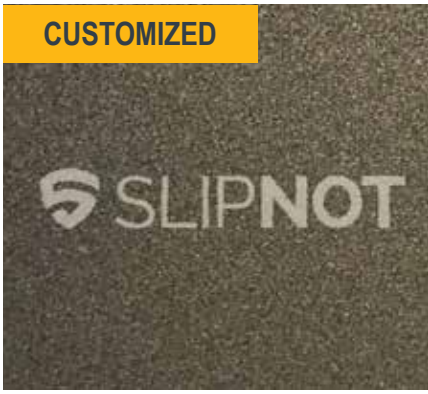
POWDER COATED
Powder coating has become the preferred finish over traditional painting for commercial and recreational projects, providing durability and resistance to corrosion, chemicals, and weather elements. The vibrance and uniformity of powder coated materials offers an appealing aesthetic in a broad range of colors.

CUSTOMIZED
SLIPNOT can customize products by adding logos, identifications, or masking off certain areas per specifications. SLIPNOT products can easily be customized to job details.











GALVANIZING GUIDELINES

NOT RECOMMENDED

Heated Sulfuric Acid Pickling Solution (if used, do not immerse for longer than 2 to 3 minutes).

Storage out of doors of non-galvanized pieces (do not expose to weather)

Providing galvanizer with scaly or rusty material - all surface rust and scale should be removed prior to the galvanizing process.

Standard acid pickling times - exceeding recommended pickling guidelines will cause damage to the SLIPNOT surface and possible contamination to process tanks.

RECOMMENDED

Ambient Temperature Hydrochloric Acid Pickling Solution.

In ambient HCl solutions, pickling times should be as short as possible.

Maintain sufficient spacing between material to be galvanized to prevent localized hot spots from forming.

Steel products must be rust-free and scale-free before the galvanizing process - blast any non-SLIPNOT treated surfaces prior to galvanizing
(i.e. support angles, stringers, rails, etc.).

Store material to be galvanized in dry, low humidity conditions. Keep material from exposure to moisture which may cause surface rusting to form.

Galvanize material with SLIPNOT surface facing down wherever possible.

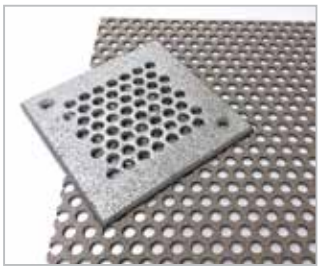
The guidelines shown above must be observed to ensure that the galvanizing process does not damage the SLIPNOT surface during processing. SLIPNOT is not responsible for damage caused by third party operations such as galvanizing.

Note: Damage to the SLIPNOT surface is caused from over exposure to pickling acids during the galvanizing process. Care must be taken when processing SLIPNOT materials.

If the SLIPNOT surface is galvanized by a third party the above mentioned guidelines must be observed. Traction Technologies Holdings, LLC is not liable for damage to the SLIPNOT surface by third parties. If galvanized incorrectly, the SLIPNOT surface can be compromised. If you have questions or require SLIPNOT steel samples to test galvanize, please call (800) 754-7668 or (313) 923-0400. SLIPNOT is not responsible for costs associated with replacement or repair of material fabricated after galvanizing, including but not limited to drilling or welding. Also, pieces damaged in material handling must be field repaired. Failure to adequately repair and protect compromised surfaces will result in premature failure of the SLIPNOT and galvanized surfaces. SLIPNOT is not responsible for surface damage caused by either deliberate or incidental means.

FABRICATING INSTRUCTIONS

Fabrication is best performed prior to SLIPNOT surface application. SLIPNOT does not recommend any fabrication of products after galvanizing. SLIPNOT products are generally treated similar to their smooth plate counterparts when fabricating. ***The following is intended as a general informational guideline and may not account for all types of fabrication or installations. Please contact a SLIPNOT representative for additional information.***



DRILLING

SLIPNOT material can be drilled and countersunk. In most cases, pre-drilling material prior to the SLIPNOT application is recommended. Pre-drilled holes, countersinks, and counter bores are protected from the SLIPNOT process so screws/bolts will sit flush. Due to SLIPNOT's surface hardness, if fabrication is done after SLIPNOT application, additional time and tooling costs should be figured into estimating and labor costs.



SHEARING

Due to the unique random stacked hatch matrix of the SLIPNOT surface, plates can usually be sheared. It is recommended that SLIPNOT material be flame, plasma, laser, or water-jet cut to save wear and tear on tooling. Plates can also be sheared from the non-slip side to help minimize dulling of the shear blades, however, the roughened, hardened SLIPNOT surface can scratch shear tables.

FLAME/PLASMA

The unique SLIPNOT surface is bonded to substrates at over 7,500 psi (stainless steel) and cutting with flame / plasma is no different than with smooth plates. This is an excellent method for fabricating SLIPNOT material.



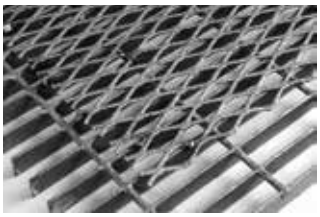
LASER CUT

The random stacked hatch matrix surface of the SLIPNOT will add approximately 0.020” – 0.030” to any given substrate. These materials will not harm the optics of laser cutters so SLIPNOT materials can most often be treated exactly the same as non-SLIPNOT treated pieces. The laser will not harm the SLIPNOT surface in any way and the SLIPNOT surface will not damage any laser equipment.



WELDING

SLIPNOT is an all-metal, grit-free surface. Welding is generally performed exactly the same as required for the non-SLIPNOT treated counterparts. In most cases, no special requirements are needed. Heat distortions and discolorations from any welding will be transmitted through the SLIPNOT surface and should be taken into account if aesthetics are critical to your project. Mounting angles or other such material can be pre-welded to materials and used as weld points during the installation process; minimizing the chances of surface blemishes. ***SLIPNOT does not recommend welding galvanized products directly without edge masking or underside supports as noted above.***



SURFACE MASKING / DETAILING

SLIPNOT is a molten metal plasma stream deposition and areas can be masked / protected from surface coating. In cases of stair treads, risers and nosings are masked and only the tread surface itself receives the SLIPNOT application. Logos, words, or patterns can also be created within the SLIPNOT surface application however, there can be additional costs associated with these procedures. For welded installations, small borders can be masked for easier metal working.



BENDING / FORMING

For air bending, use standard practices for the thickness and type of substrate alloy to be formed. To minimize the risk of SLIPNOT surface delamination or damage, an internal angle of 75°-90° and a minimum bend radius of 3/4″ or greater is recommended. Tighter radii are possible; however, the risk of surface cracking and/or delamination increases as the bend radius decreases. Bend radii below 3/4″ are not covered by SLIPNOT’s delamination guarantee. Non-steel SLIPNOT surfaces require protection from steel tooling contact points or rust lines from the forming process will appear later from the steel surface contamination. Forming aluminum SLIPNOT will result in total compression of the SLIPNOT surface at the bottom-die contact points. This will create a bare-material line at each of these intersections but will not alter the performance characteristics of the remaining surface.



GREEN PRODUCTS

SLIPNOT Metal Safety Flooring is dedicated to contributing to a cleaner environment. By recycling scrap, utilizing recycled materials, and limiting waste and energy consumption, SLIPNOT aims to assist the architects and engineers in efforts to design environmentally conscious concepts.

SLIPNOT manufactures all metal products that are made of recycled metal and recycled for new use. SLIPNOT products are also high quality and provide long lasting durability. This results in less need to replace often and a reduction in the environmental impact of replacement. By specifying SLIPNOT products your project may be eligible for LEED credits.

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

Since the type and sourcing of the SLIPNOT substrate products varies greatly, the recycled content varies as well. However, all SLIPNOT products have a minimum of 40% recycled content and up to 83% recycled content.



POTENTIAL LEED® REGIONAL MATERIALS CREDIT

LEED 500 mile radius from Detroit, Michigan

BENEFITS

- High percentage of recycled material
- Waste is recycled
- Long lasting product eliminates impact to environment by replacing often
- Tax rebates and incentives
- Reduces harmful gas emissions
- Demonstrates social and environmental responsibility

Credit 4.1 Recycled Content (Specify 10%): Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.	1	Use materials recycled content such that the sum of the pre-consumer and post-consumer recycled content constitutes at least 10% of the total value of the materials in the project.
Credit 4.2 Recycled Content (Specify 20%): Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.	(4.1) + 1	Use materials recycled content such that the sum of the pre-consumer and post-consumer recycled content constitutes at least 20% of the total value of the materials in the project.

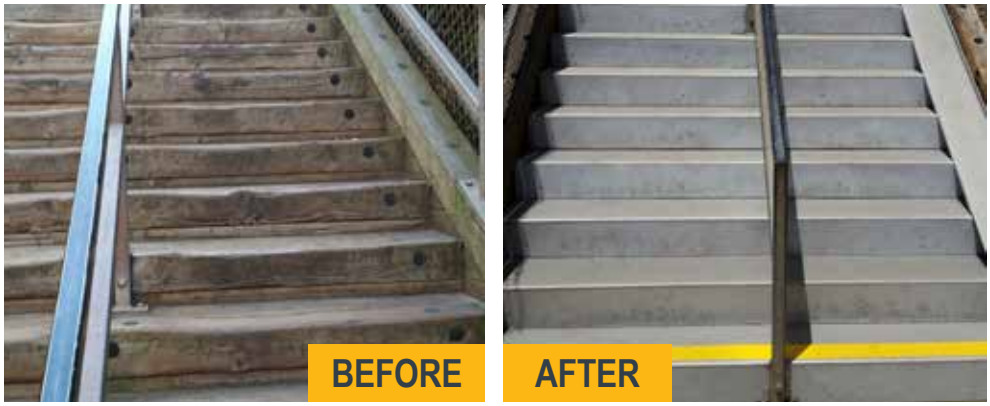


SEND US YOUR OWN MATERIAL

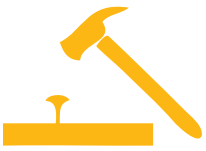
Customers have the option of sending their own metal material to SLIPNOT to have the patented anti-slip surface applied. Materials that are commonly sent are drain covers, stair treads, plates, grating, and manhole covers.

- Customer supplied material is recommended not to exceed 6' wide x 12' long x 8" high. Grating and plank may be accommodated in stock lengths of 20', 24', or 26' if required.
- Material should be free from oil and grease before it is shipped to our facility.
- Supplying shop drawings or product lists prior to shipment will allow for more accurate cost estimates and faster turnarounds.
- Turnaround time is typically two weeks after receiving material (3-4 weeks for galvanized material), not including transit.
- Steel material must be supplied in mill finish, not hot-dipped galvanized or painted.
- Aluminum material should not be pre-anodized prior to submission for SLIPNOT application.
- For stainless steel, decorative finishes (polishing, brushed, etc.) should be performed to non-SLIPNOT treated areas after SLIPNOT application. Material may be marked, scarred, or otherwise impacted by processing activities which may harm decorative finishes.

UPGRADE UNSAFE DESIGNS



Before and after at The Golden Gate Bridge in San Francisco, CA



RETROFIT OVER EXISTING MATERIAL

Safety products may easily be retrofitted over existing unsafe material such as ladder rungs. Products can be welded, bolted, or adhered over any type of flooring such as wood, concrete, or metal. Products can usually be custom fabricated to retrofit unsafe conditions and meet regulatory compliances and codes.



REPLACING PRODUCTS OR NEW CONSTRUCTION

Incorporating safety products into the design stage meets regulatory requirements at reduced costs. In some cases, retrofitting unsafe conditions can require complete replacement of products at significant expense.

STANDARDS & CERTIFICATIONS

OSHA states that the coefficient of friction of surfaces varies considerably due to the presence of contaminants, water, floor finishes, and other factors ***not under the control of the designer or builder and not subject to design and construction guidelines*** *and that compliance would be difficult to measure on the building site.*

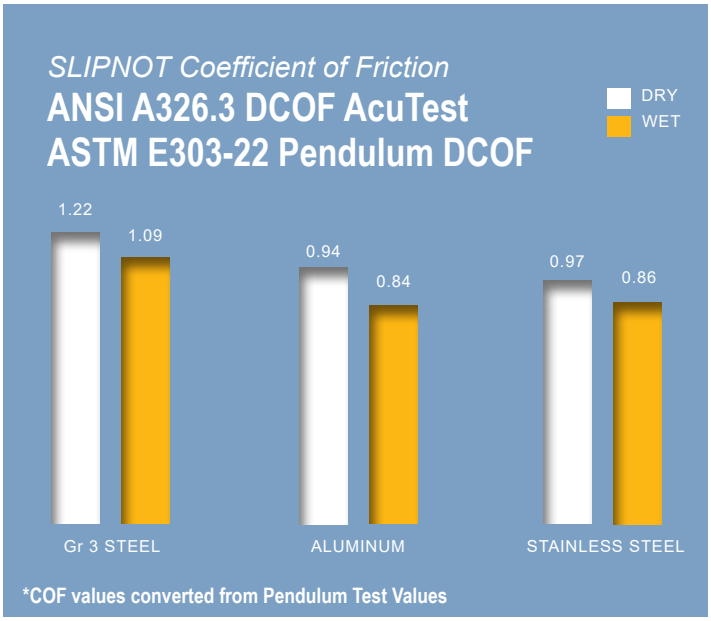
While it may not be possible to compare one product directly with another, or to guarantee a constant measure, ***builders and designers are encouraged to specify materials with appropriate values.***

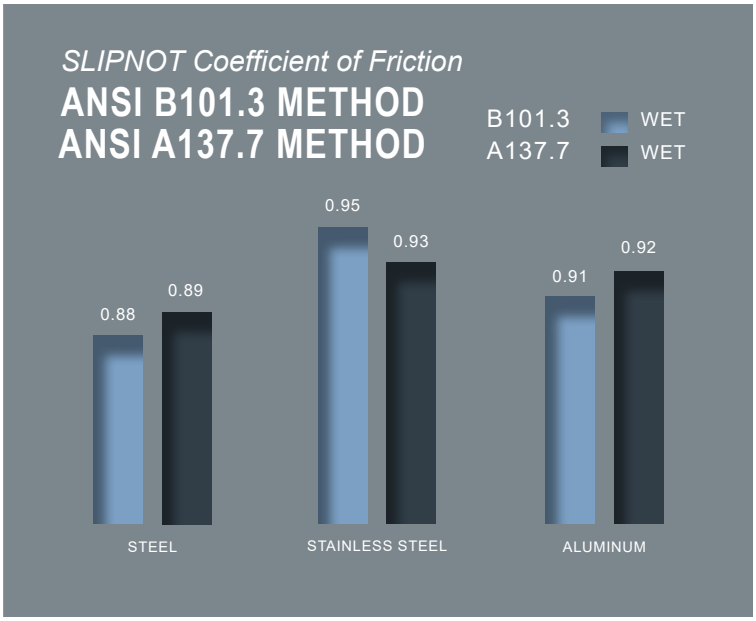
source: www.trace.wisc.edu

SLIPNOT is the preeminent choice for slip resistant products. SLIPNOT is an ISO 9001:2015 registered company. SLIPNOT products are also registered by NSF International, Nonfood Compounds Registration Program, and the Canadian Food Inspection Agency (CFIA). SLIPNOT products far exceed ALL standards and recommended guidelines for slip resistance. SLIPNOT products' coefficient of friction values and slip resistance are certified by independent laboratory testing.

Coefficient of friction (COF) is a dimensionless number that indicates relative surface friction. There are two (2) types of COF that are useful in determining floor safety:

1. **STATIC COF:** (SCOF) The ratio of horizontal force needed to start an object sliding to the normal force pressing against it.
2. **DYNAMIC COF:** (DOCF) The ratio of horizontal force needed to keep an object sliding at constant velocity to the normal force pressing against it.

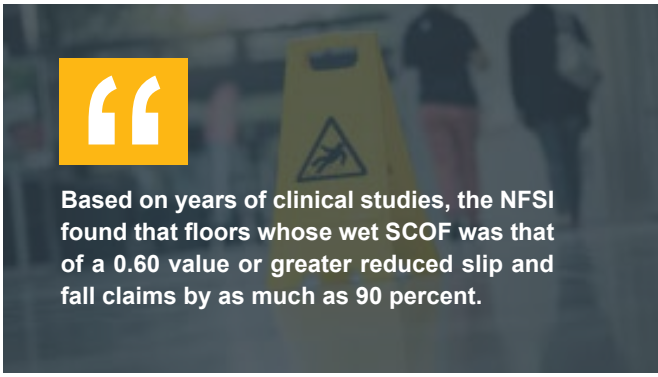




COF values will vary depending upon the test method and sensor material utilized.

ANAB is the North American accreditation body under which NSF-ISR provides ISO 9001:2015 registration.

All SLIPNOT products meet and exceed all coefficient of friction recommendations/standards as set by the following agencies:



AMERICAN'S WITH DISABILITIES ACT (ADA):

(ADA) Title III Regulation: A4.5.1)

Minimum requirements for coefficient of friction for compliant surfaces:

- 0.6 for flat surfaces (dry COF)
- 0.8 for inclined surfaces (dry COF)

SLIPNOT exceeds minimum ADA requirements even when wet or oily.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA):

OSHA no longer provides definitive recommendations for minimum coefficient of friction. Prior to 2006, OSHA's minimum COF recommendation was 0.5 (dry).

- SLIPNOT products have COF values nearly double the 0.5 recommended value.

OSHA requires slip resistance for ladders: OSHA standard # 1926.1053 (a)(6)(i) and 1910.26 (a)(1)(v).

- SLIPNOT ladder rungs and rung covers exceed all recommendations specified by OSHA Standard # 1926.1053 (a) (6) (i) and 1910.26 (a)(1)(v).

OSHA Standard 1910.24F: "Stair treads – All treads shall be reasonably slip resistant and the nosings shall be of non-slip finish."

- SLIPNOT Metal Safety Flooring products exceed OSHA Standard 1910.24F for slip resistance on stair treads.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):

The NFPA requires minimum COF values of 0.68 (wet surfaces) for compliant surfaces.

- SLIPNOT tests at 1.0 in accordance with ASTM F1679 test method as directed by the NFPA.

NATIONAL FLOOR SAFETY INSTITUTE (NFSI):

NFSI defines high traction as those walking surfaces whose wet SCOF > 0.6 under the NFSI 101-A standards.

- SLIPNOT has a coefficient of friction that is greater than or equal to 0.85 and is certified High-Traction by NFSI.

AMERICAN NATIONAL STANDARD INSTITUTE (ANSI):

ANSI defines three (3) wet static COF levels. SLIPNOT is defined as a high traction surface, due to a COF of 0.85 or higher.

- High traction (> 0.6) (wet COF)
- Moderate traction (0.4 - 0.6) (wet COF)
- Low traction (< 0.4) (wet COF)

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM):

ASTM had previously specified the following methods for evaluating COF values:

- ASTM F1679
- ASTM F1677
- ASTM F1678
- ASTM F489
- ASTM D2047
- ASTM D5859
- ASTM F609
- ASTM E303

SLIPNOT qualifies as an ASTM slip resistant surface.

(Note: ASTM is currently reviewing test methods for determining COF values.)

UNDERWRITERS LABORATORIES (UL 410):

UL defines slip resistant surfaces as those with a dry SCOF > 0.50 (when tested with leather sensor).

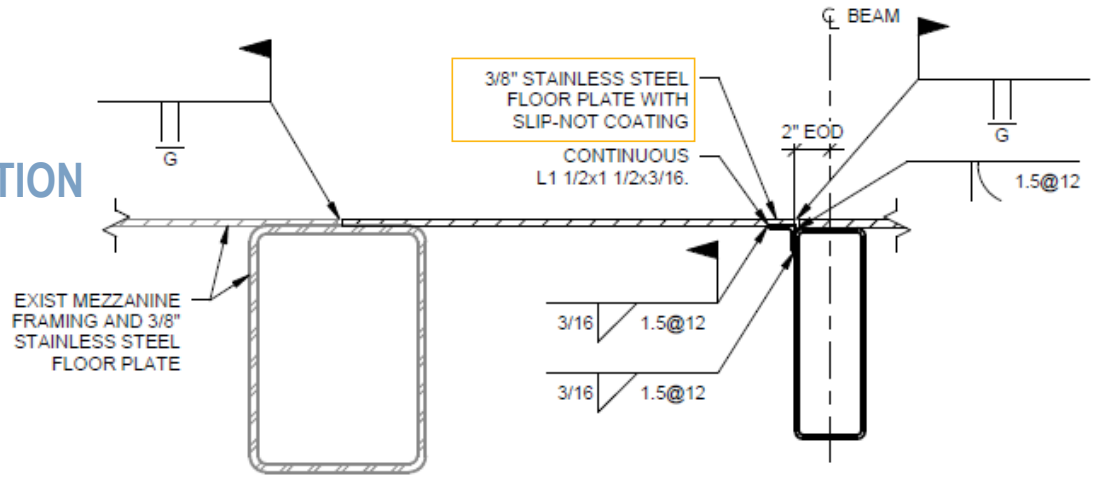
- SLIPNOT exceeds the 0.50 definition of a slip resistant surface.

SLIPNOT is continually being specified and utilized by companies and agencies throughout North America due to its high surface friction and long term durability. Please contact a sales representative at 1-800-754-7668 (800-SLIPNOT) for further information.

SLIPNOT test results and references available, please contact us for more information.

HOW TO SPECIFY SLIPNOT

ANTI-SLIP SURFACE SPECIFICATION

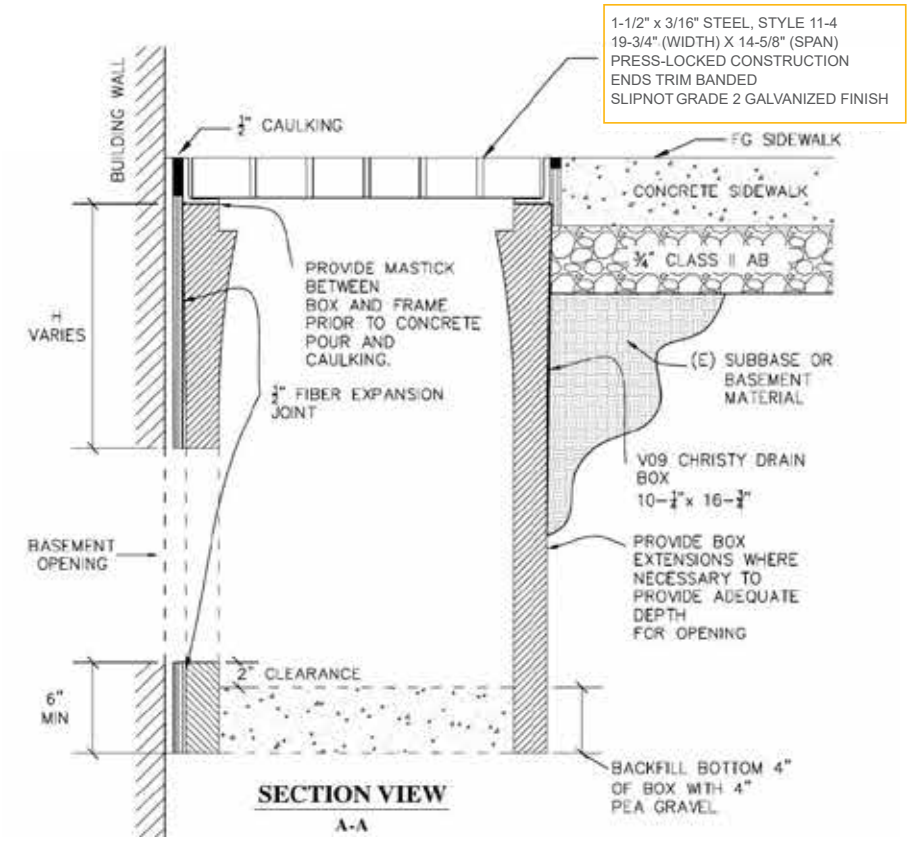


13 / S2.10 MEZZANINE EDGE AT EXIST FLOOR PLATE

1 1/2" = 1'-0"

MEZZANINE FRAMING PLAN NOTES:

1. ▶ INDICATES MOMENT CONNECTION.
2. KB INDICATES KNEE BRACING, HSS4.5X0.237 TYPICAL.
3. RBX INDICATES EXISTING BEAMS TO BE REINFORCED.
4. UNLESS NOTED OTHERWISE, ALL BEAMS SHALL BE EQUALLY SPACED.
5. ALL STEEL FRAMING AND GUARDRAIL SHALL BE PAINTED. SEE ARCH FOR PAINT SPECIFICATION.
6. FLOOR PLATE SHALL BE 1/2" THICK GRADE 2 304 STAINLESS STEEL SLIPNOT FLOOR PLATE, EXCEPT WHERE OTHER PLATE THICKNESSES ARE NOTED ON PLAN. FLOOR PLATE JOINTS SHALL BE CONTINUOUSLY WELDED.
7. BEAMS AND COLUMNS SHALL BE SPLICED, WHERE REQUIRED, WITH FULL PENETRATION WELDS. CLEARLY IDENTIFY PROPOSED SPLICE LOCATIONS ON SHOP DRAWINGS. LOCATIONS ARE SUBJECT TO ENGINEER'S APPROVAL.



Safety is the foundation of successful design

Efficiency is competence in performance.
Goal achievement with less energy and time.

Our proprietary technology, a multi-step engineering surface preparation and modification process, transforms hazardous spaces into environments where people can move faster, be confident in their workspaces, and stop worrying about lost time from slips and falls.

PREMIUM PERFORMANCE

Durability
7,500 PSI on Stainless

Strength to withstand the toughest environments & demanding foot-traffic

Longevity
Rockwell C 55

6x harder than the surface applied to resulting in the potential to last decades

Grit-Free
Zero Contamination

Grit is dangerous for individuals heatlh, hazardous to machinery, and can pollute end-products

Regular Testing
FDA compliant

Exceeds all COF regulatory requirements, including OSHA & ADA



Don't look at cost alone.

Consider a holistic approach of a project to understand true life-cycle costs

Replacements costs
Temporary solutions require frequent upkeep and replacement

Reduced productivity
People move differently due to lack of confidence in work area

Expensive injury claims
The cost of 1 slip and fall incident can be significant

Make SLIPNOT the standard on all your specifications

All SLIPNOT products are manufactured in the USA and can be customized to your surface design and installation requirements. Our team of experts are available to create a worry-free education, selection, and delivery experience.

IDENTIFY ALLOY

The longevity and performance of SLIPNOT depends on selecting the appropriate alloy for the environment.

STEEL

Extremely versatile. Requires proper protection in outdoor applications or areas where water and moisture may be present. Hot-dip galvanizing will help protect against rust and corrosion that may form in those environments.

- Durable
- Cost-Effective

Available Grades: Grade 1, Grade 2, Grade 3

STAINLESS STEEL

From food & beverage to aerospace our stainless steel products provide optimum durability, natural chemical and corrosion resistance, and are aesthetically pleasing to fit nearly any project.

- NFSI Certified HIGH-TRACTION
- NSF Certified

Available Grades: Grade 1, Grade 2

ALUMINUM

Aluminum is the ideal choice for projects that require a lightweight material and where rust and corrosion is a concern

- High strength-to-weight ratio
- Easily fabricated

Available Grades: Grade 1, Grade 2

SELECT SURFACE GRADE

Our high traction surface is a series of peaks and valleys. Our grades refer to the approximate added profile height of the SLIPNOT application.

Low Traffic Low Contamination	*Standard choice across all industries handling everyday requirements*	*High Traffic High Contamination*
Grade 1 (Fine) Approx. 0.015”	**Grade 2 (Medium)** Approx. 0.020”	**Grade 3 (Coarse)** Approx. 0.025”

DOCUMENT KEY DIFFERENTIATORS

Our proprietary technology creates a set of unique characteristics that if included in spec, do not allow for deviation from SLIPNOT.

	Steel	Stainless*	Aluminum
Surface Hardness	55+ Rockwell “C”	55+ Rockwell “C”	N/A
Minimum Bond Strength	5,000 psi	7,500 psi	2,000 psi
Minimum (Wet) COF	0.7	0.7	0.7

** Additional key differentiator: certified HIGH-TRACTION by the NFSI*

GENERATE YOUR SLIPNOT SPECIFICATION

1. Indicate the Product (Treads, Plate, Grate, Plank, Etc.)
2. Identify Alloy (Steel, Stainless, Aluminum)
3. Choose Grade (Grade 1, Grade 2, or Grade 3)
4. Include SLIPNOT Key Differentiators

Spec Example:

Stair tread surface shall incorporate SLIPNOT high-traction ***Stainless Steel - Grade 2,*** with ***bond strength exceeding 7,500 psi and surface hardness exceeding 55 Rockwell “C” Scale, minimum COF of 0.7 (wet), and certified HIGH-TRACTION by the NFSI***

For More Details:
CONSTRUCTION SPECIFICATION INSTITUTE SLIPNOT 3-PART SPEC

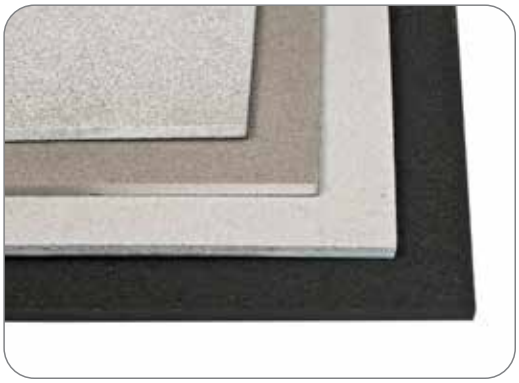
SLIPNOT

SLIPNOT PRODUCTS

The potential for safety is endless with SLIPNOT metal flooring products. Non-slip products can be fabricated to fit into a plethora of applications including expansion joint covers, forklifts, amusement park rides, grand stands, platforms, among many others. SLIPNOT products, however, are not appropriate in residential situations.

GRIP PLATE®

SLIPNOT slip resistant plates are designed for applications requiring complete surface coverage, transforming the most demanding environments into safe and productive work zones. SLIPNOT plates provide a permanently safe alternative to slippery diamond plate.



PRODUCT INFORMATION

Thicknesses: 1/8" to 2"+

Stock sizes:

4' x 8'	5' x 8'	6' x 8'
4' x 10'	5' x 10'	6' x 10'
4' x 12'	5' x 12'	6' x 12'

Plates can be custom fabricated to meet job specifications available up to 72" wide and 144" long (larger sizes available)

Available SLIPNOT alloys: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Plates are available in: Grade 1 (Fine), Grade 2 (Medium), and Grade 3 (Coarse - Steel surface only)

Typical alloys (other alloys available)

Steel	A-36	A-572 Gr50
Stainless Steel	304	316
Aluminum	5052	6061

SLIPNOT products are registered by NSF International for use in food processing facilities

Installation method:

- Countersunk holes for fastening to supports
- Weld to existing metal structures or framing
- Plates can be provided with plug-weld holes on internal grid pattern for additional weld points

Advantages

- Solid surface provides maximum traction area
- Easily installed on project sites
- Can retrofit over existing structures with minimum effort
- Flexibility of design and many fabrication options
- Continually meets COF minimum requirements throughout life of product

GRIP GRATE®

SLIPNOT slip resistant grating provides maximum traction even in wet and oily environments. SLIPNOT is applied to smooth bar grating, not serrated bar grating.



PRODUCT INFORMATION

SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

Grating is available in: Grade 1 (Fine), Grade 2 (Medium), and Grade 3 (Coarse – steel surface only)

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Stock sizes (maximum 36” panel width)

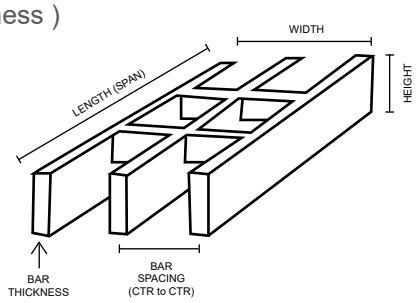
2' x 20'	2' x 24'
3' x 20'	3' x 24'

Bearing bar height: 3/4" to 2-1/2” tall (in 1/4” increments)

Bearing bar thickness: 3/16” (typical), and 1/4” is available upon request or supplier availability

Spacing options (Ctr – Ctr spacing between bars – open area listed for 3/16” thickness)

19-4	19/16" spacing (1" open)	Standard Industrial
15-4	15/16" spacing (3/4" open)	Standard Industrial
11-4	11/16" spacing (1/2" open)	ADA
7-4	7/16" spacing (1/4" open)	ADA



- All profiles listed are available with 2” cross bars upon request
- Heavy duty spacing available upon request (consult with a grating manufacturer)
- Available trim or load banded for rigidity

Style availability by alloy:

- Steel: Light duty welded (typical), heavy duty welded, pressed or swaged locked
- Stainless Steel: Swaged locked (typical), light duty welded (limited availability)
- Aluminum: Swaged locked (typical), dove tailed, swaged locked I-Bar or flush top

Installation method:

- Saddle Clip, Anchor Block, or Countersunk Land (available from grating manufacturer)
- Welded or free set into frame (consider that the grating may bow from heat of SLIPNOT process and adequate fastening is advised)
- Other options available

For more technical data, please contact a bar grating manufacturer.

Note: We do not offer 1/8” bearing bars or serrated grating due to insufficient adhesion and wear life of the SLIPNOT surface.

Advantages

- Allows for drainage, light, and airflow
- Able to span extended openings without additional support
- Adaptable to heavy duty or light duty applications
- Ease of installation
- Customer supplied material offers quick turnaround time

ALUMINUM PLANK

SLIPNOT aluminum plank provides a strong, lightweight flooring alternative to bar grating and fiberglass. Punched plank with a SLIPNOT coating allows light and liquids to pass through, similar to bar grating, but provides the additional surface coverage and slip resistance needed to prevent slip and fall accidents from occurring. The flush top of plank provides maximum foot contact with excellent strength-to-weight ratios.



PRODUCT INFORMATION

Thicknesses: 3/4" to 2-1/2" (1/4" increments)

Widths: 6" - 36" per plank width table

Lengths: up to 26'

Plank styles: Solid, Rectangular Punched, or ADA Diagonal Punched

Open area for ADA patterns: ALP-8 (8%), ALP-15 (15%), ALP-22 (22%)

SLIPNOT surfaces: Aluminum, Stainless Steel on Aluminum, and Steel on Aluminum

SLIPNOT finishes: Mill or Painted

Aluminum plank is available in: Grade 1 (Fine), Grade 2 (Medium), or Grade 3 (Coarse – steel surface only)

Installation method: Welded or bolted to framing

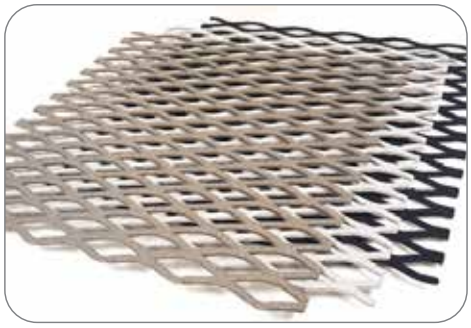
For more technical data please contact a plank manufacturer.

Advantages

- Extruded aluminum plank is more durable than standard aluminum bar grating
- The reinforced ribbed supports are able to withstand vigorous environments and handling while retaining its shape
- Can be fabricated in the field or workshop with standard techniques

EXPANDED METAL GRID GRIP®

SLIPNOT flattened expanded metal is an ideal solution for renovating existing slippery areas. Expanded metal easily retrofits over numerous materials, allowing air, light, and liquids to flow through while providing maximum slip resistance.



PRODUCT INFORMATION

Stock sizes: 4'x8', 4'x10', additional sizes available by special order

Expanded metal can be custom fabricated to meet job specifications

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Expanded metal is available in: Grade 1 (Fine), Grade 2 (Medium), and Grade 3 (Coarse - steel surface only)

Styles (additional sizes available by special order)

3/4 #9 (0.120 thickness)	Steel & Stainless Steel (304)
3/4 .125 (0.095 thickness)	Aluminum

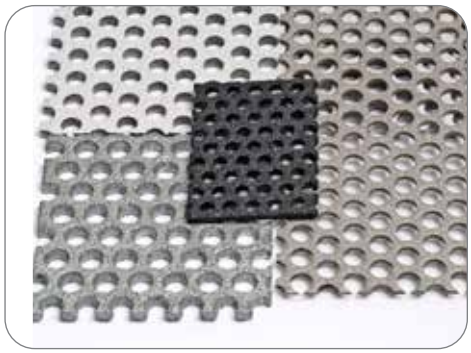
Installation method: Welded or fastened to existing structures or to framing supports

Advantages

- Lightweight
- Easily adaptable to site conditions
- Allows for drainage, light, and airflow
- Can retrofit over existing structures with minimum effort

PERFORATED METAL FLEX GRIP®

SLIPNOT perforated plate continually provides drainage and slip resistance for applications that are completely submerged in oils, water, grease, fats, or any other slick additive. Perforated plate also allows for light and airflow.



PRODUCT INFORMATION

Thicknesses: 1/8", 3/16", ¼"

Stock sizes:

4' x 8'	5' x 8'
4' x 10'	5' x 10'
4' x 12'	5' x 12'

**Custom sizes can be fabricated to meet job specifications*

Patterns (a wide variety of hole patterns and options available)

- 1/4" diameter on 3/8" diameter centers (galvanized steel not available)
- 3/8" diameter on 9/16" staggered centers
- 1/2" diameter on 11/16" staggered centers
- 9/16" diameter on 3/4" staggered centers
- Customer specified

Standard minimum margins or customer specific

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 1 (Fine), Grade 2 (Medium), or Grade 3 (Coarse - steel surface only)

Installation method: Welded or fastened to existing structures or to framing supports

Note: Perforation removes about 2/3 of the strength of the plates. Additional supports may be required.

Advantages

- Allows for drainage, light, and air passage
- Retrofits over existing structures with minimum effort
- Flexes when walked on to prevent worker fatigue

DRAIN COVERS

While we do not make drain covers, SLIPNOT applied to the surface of a metal drain cover / cap will transform any drain into a safe, productive environment. Many food and beverage processing plants utilize SLIPNOT on their drain covers to keep workers safe in wet, greasy, and slippery work environments.



PRODUCT INFORMATION

Drain covers can be constructed from SLIPNOT plate, perforated plate, expanded metal, or grating. SLIPNOT can also coat customer supplied drain covers or new assemblies from manufacturers such as Stainless Drains or Zurn.

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 1 (Fine), Grade 2 (Medium), or Grade 3 (Coarse - steel surface only)

Installation method: Based on drain manufacturer

Advantages

- Permanently safe replacement for bare metal or plastic temporary covers
- Stainless steel drain covers are NSF registered for food processing

LADDER RUNGS

SLIPNOT ladder rungs provide essential safety for new ladder construction. The following OSHA standards apply to portable and fixed ladders:

1926.1053(a)(6)(i)
The rungs and steps of fixed metal ladders manufactured after March 15, 1991, shall be corrugated, knurled, dimpled, coated with skid-resistant material, or otherwise treated to minimize slipping.

1926.1053(a)(6)(ii)
The rungs and steps of portable metal ladders shall be corrugated, knurled, dimpled, coated with skid-resistant material, or otherwise treated to minimize slipping.



PRODUCT INFORMATION

Thicknesses: 3/4" and 1", custom sizes available upon request

Ladder rung styles: Round or square

Ladder rung stock lengths:

Steel	10'
Stainless Steel	12' (11' - 13')
Aluminum	12'

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

Stainless steel alloy options: 304, 316, or specialty corrosion resistant alloys upon request

SLIPNOT finishes: Mill or Painted

Available in: Grade 2 (Medium)

Installation method: Welded

LADDER RUNG COVERS

SLIPNOT ladder rung covers are ideal for refurbishing old, slippery ladders. Ladder treads are constructed to retrofit over existing ladder rungs, creating a safe climbing surface that exceeds all ADA and OSHA recommendations for slip resistant products.

PRODUCT INFORMATION

Thickness: 1/8"

Widths: 1" to fit over 3/4" diameter rungs and 1-1/4" to fit over 1" diameter rungs

Ladder rung stock lengths:

Steel	10'
Stainless Steel	10' (1-1/2" x 3/4" x 1/8" only)
Aluminum	12'

Custom sizes can be fabricated to meet job specifications

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 2 (Medium)

Installation method: Welded (there is no need to grind the ends for assembly)

Ladder Rung Advantages

- Long-term safety in all weather conditions
- Can be fabricated to meet specific ladder designs
- High friction surface even under oily conditions

Ladder Rung Cover Advantages

- Restores and upgrades worn ladders
- More surface area for employees
- Cost effective solution
- Ease of installation

STAIR NOSINGS

SLIPNOT stair nosings provide safety to the edge of steps that become worn easily due to heavy foot traffic. Stair nosings or angles easily retrofit over existing treads or can be built into new stairways.



PRODUCT INFORMATION

Thicknesses: 1/8”, 3/16”, 1/4”, or thicker

Widths: 1-1/4” minimum

Nosing depth: 1-1/4” minimum

Nosing lengths: up to 10’ (6’ or less recommended)

Custom sizes can be fabricated to meet job specifications

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

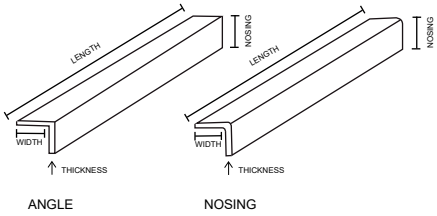
SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 1 (Fine), Grade 2 (Medium), or Grade 3 (Coarse - steel surface only)

Installation method: Welded, bolted (countersunk holes), or embedded using J-hooks or Nelson studs.

Advantages

- Instantly reduces the potential for slip and fall accidents
- Easily installed over existing treads with little downtime
- Extends life span of the stair treads



ANGLE NOSING

PLATE STAIR TREADS

SLIPNOT plate stair treads are for areas where full surface coverage is required to ensure a safe walking and working surface. Plate stair treads can be used in new construction or can be retrofitted over existing slippery stairs.



PRODUCT INFORMATION

Thicknesses: 1/8”, 3/16”, ¼”

Widths: 10 -12 inches (typical), or as specified

Lengths: up to 10’

Nosing depth: 1-1/4” – 2” (typical), or as specified

Riser: up to 7”, or as specified

Bend degree: 82, 90, or to degree angle specified

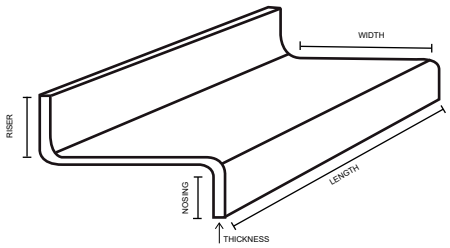
Styles: L shaped, C shaped, or Z shaped

SLIPNOT finishes: Mill, Painted, or Hot-Dipped Galvanized (3/16” minimum thickness)

Plate stair treads are available in: Grade 1 (Fine), Grade 2 (Medium), and Grade 3 (Coarse - Steel surface only)

Typical alloys (other alloys available)

Steel	A-36	CQ
Stainless Steel	304	316
Aluminum	5052	3003



Installation method: Countersunk holes for fastening to supports, weld to existing metal structures or framing, and standard end plates or carrier angles may be added

Advantages

- Solid surface provides maximum surface area for greatest traction
- Easily installed in new construction or retrofitted over existing treads

GRATING STAIR TREADS

SLIPNOT slip resistant grating provides maximum traction even in wet and oily environments. SLIPNOT is applied to smooth bar grating, not serrated bar grating.



PRODUCT INFORMATION

SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

Grating is available in: Grade 1 (Fine), Grade 2 (Medium), and Grade 3 (Coarse – steel surface only)

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Bearing bar height: 3/4" to 2-1/2" tall (in 1/4" increments)

Bearing bar thickness: 3/16" (typical), and 1/4" is available upon request or supplier availability

Spacing options (Ctr – Ctr spacing between bars – open area listed for 3/16" thickness)

19-4	19/16" spacing (1" open)	Standard Industrial
15-4	15/16" spacing (3/4" open)	Standard Industrial
11-4	11/16" spacing (1/2" open)	ADA
7-4	7/16" spacing (1/4" open)	ADA

- All profiles listed are available with 2" cross bars upon request

Grating stair tread maximum recommended clear spans and standard widths are below.

Bearing Bar Size	Bar Spacing Options			
	19-4	15-4	11-4	7-4
1" x 3/16"	28"	30"	32"	36"
1-1/4" x 3/16"	34"	37"	40"	47"
1-1/2" x 3/16"	42"	46"	50"	59"
1-3/4" x 3/16"	51"	56"	61"	66"
2" x 3/16"	61"	66"	66"	68"

# of Bearing Bars	Width (includes nosing)
5	6-3/16"
6	7-3/8"
7	8-9/16"
8	9-3/4"
9	10-15/16"
10	12-1/8"

Style availability by alloy:

- Steel: Light duty welded (typical), heavy duty welded, pressed, or swaged locked
- Stainless Steel: Swaged locked (typical), light duty welded (limited availability)
- Aluminum: Swaged locked (typical), dove tailed, swaged locked I-Bar, or flush top

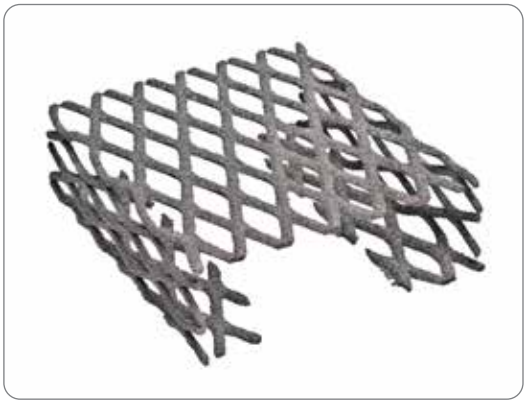
Attachment options - *grating treads available with:*

- Standard end plates
- Carrier angles
- Trim banded

For more technical data, please contact a bar grating manufacturer.

EXPANDED METAL STAIR TREADS

SLIPNOT flattened expanded metal stair treads are a cost effective solution for renovating existing slippery stair treads. Generally used to retrofit bar grating treads, expanded metal treads allow air, light, and liquids to flow through while providing maximum traction.



PRODUCT INFORMATION

Thickness: 1/8”

Width: 10-12 inches (typical), or as specified

Lengths: up to 10’

Nosing depth: 1-1/4” – 2” (typical), or as specified

Bend degree: 82, 90, or to degree angle specified

Styles: L shaped or C shaped

SLIPNOT finishes: Mill, Painted, or Hot-Dipped Galvanized

Expanded metal stair treads are available in: Grade 1 (Fine), Grade 2 (Medium) and Grade 3 (Coarse - steel surface only)

Styles (additional styles available by special order)

3/4 #9 (0.120 thickness)	Steel & Stainless Steel (304)
3/4 .125 (0.095 thickness)	Aluminum

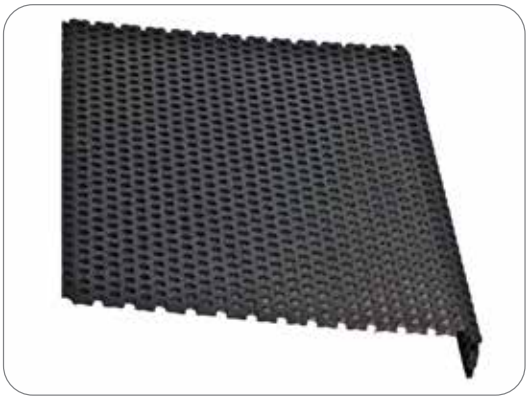
Installation method: Welded or fastened to existing structures or to framing supports

Advantages of Expanded Metal and Perforated Stair Treads

- Easily adaptable to site conditions
- Allows for drainage, light, and air passage
- Retrofit over existing structures with minimum effort
- Flexes when walked on to prevent worker fatigue

PERFORATED METAL STAIR TREADS

SLIPNOT perforated metal stair treads combine the flow through benefits of grating with the solid surface of plate. The flexible surface helps eliminate worker fatigue in environments such as automotive plants and steel mills.



Note: Perforation removes about 2/3 of the strength of the plates. Additional supports may be required.

PRODUCT INFORMATION

Thickness: 1/8”, 3/16”, 1/4”

Width: 10-12 inches (typical), or as specified

Lengths: up to 10’

Nosing depth: 1-1/4” – 2” (typical), or as specified

Riser: up to 7”, or as specified

Bend degree: 82, 90, or to degree angle specified

Styles: L shaped, C shaped, or Z shaped

Perforated stair treads are available in: Grade 1 (Fine), Grade 2 (Medium) and Grade 3 (Coarse - steel surface only)

Patterns (a wide variety of hole patterns and options available)

- 1/4” diameter on 3/8” diameter centers (galvanized steel not available)
- 3/8” diameter on 9/16” staggered centers
- 1/2” diameter on 11/16” staggered centers
- 9/16” diameter on ¾” staggered centers

Standard minimum margins or customer specific

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Hot-Dipped Galvanized

Installation method: Welded or fastened to existing structures or to framing supports. Treads can be provided with pre-welded mounting plates/angles

VAULT COVERS

Utility companies, DOT's, and municipalities across the country specify SLIPNOT access hatches and manhole covers as a way to keep pedestrians and workers safe. Non-slip vault covers and sidewalk doors create a high traction walking surface that helps eliminate slip and fall accidents and expensive liability lawsuits. Slip resistant access hatches are custom fabricated to meet job specifications.



We do not provide the vault cover assembly, we only provide the cover plate.

PRODUCT INFORMATION

Thickness: 1/4" and up

Lengths and widths are customer specific

Available SLIPNOT surfaces: Galvanized Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill or Painted

Available in: Grade 2 (Medium) or Grade 3 (Coarse – steel surface only)

Installation method: Based upon municipality requirements

Approved and used by utilities across the United States.

For more technical data regarding vault covers, please contact Oldcastle Precast or Bilco.

Advantages

- Long-term safety to pedestrians in all weather conditions
- High traction surface that is protected against rust to ensure durability and longevity
- Designed to provide structural integrity for vehicle or pedestrian traffic

MANHOLE COVERS

Traditionally, sewer access covers, or manholes, are heavy iron castings designed to provide structural integrity for vehicle or pedestrian traffic crossing over it, but not slip resistance. Adding SLIPNOT's slip resistant coating to these covers ensures continued safety for pedestrians, cyclists, motorcyclists, and other vehicular traffic. SLIPNOT non-slip manhole covers provide a long-term, highly durable surface.



We only coat customer supplied manhole covers.

PRODUCT INFORMATION

Thickness: 1/8"

Customized shapes and sizes can be fabricated to meet job specifications

Available SLIPNOT surfaces: Cast Iron and Steel, among others available to designer specifications

Available in: Grade 2 (Medium) or Grade 3 (Coarse – steel surface only)

SLIPNOT finishes: Mill or Painted

Installation method: Manhole cover manufacturers can provide municipal identification for unique product solution.

Approved and used by utilities across the United States.

For more technical data regarding manhole covers, please contact EJ Group or Neenah Foundry.

Advantages

- Long-term safety to pedestrians in all weather conditions
- Designed to provide structural integrity for vehicle or pedestrian traffic

ROAD PLATES

SLIPNOT road plates are ideal for high traffic areas that can become slippery with water, oil, gasoline and other substances. SLIPNOT traffic plates can be used to cover open trenches, sinkholes, and areas of road construction. They can quickly restore a jobsite back to pre-project conditions by bridging open excavations and trenches dug for drainage, cables, gas mains or water mains. SLIPNOT non-skid steel road plates can be used as a permanent structure or may be moved along as work progresses.



PRODUCT INFORMATION

Thicknesses: 1", 1-1/4", 1-1/2" typically
Stock sizes:

4' x 8'	5' x 8'	6' x 8'
4' x 10'	5' x 10'	6' x 10'
4' x 12'	5' x 12'	6' x 12'

**Custom sizes can be fabricated to meet job specifications*

Available SLIPNOT surface: Steel

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 2 (Medium) or Grade 3 (Coarse)

Installation method: Based on municipal requirement. We can provide lift holes per specification.

Advantages:

- Does not wear smooth or flake off after years of high traffic use
- May be used for temporary or permanent expansions

EXPANSION JOINT COVERS

SLIPNOT expansion joint cover plates provide a durable high traction walking surface for pedestrian and vehicular traffic. Expansion joint covers are utilized for bridge sidewalks, parking decks, transportation platforms, walkways and other areas to meet public safety and regulatory compliance.

SLIPNOT expansion joint covers are used and approved by agencies such as the Florida Department of Transportation (FDOT), Texas Department of Transportation (TxDOT), and other states.



PRODUCT INFORMATION

Thickness: 3/16", 1⁄4", 5/16", 3/8", 1/2" or as specified

Lengths: Typically up to 12' - longer lengths available

Widths: 15" (FDOT), 16" (TXDOT) or per specification

Expansion joint cover plates can be custom fabricated to meet job specifications

SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Alloys: A-572 Gr50, 6061, 304, 316 or per specification

Expansion joints are available in: Grade 2 (Medium) and Grade 3 (Coarse – steel surface only)

Available with edges beveled, center crown, and corner chamfers per FDOT, TXDOT or other agency standard

Installation method: countersunk on one side to allow for thermal expansion (typical)

Advantages

- Flexibility of design options
- Quick turnaround time
- Longer wear life than other slip resistant options
- Surface will not chip or flake from normal wear

FLOOR SCALES

SLIPNOT provides a safe surface replacement for diamond plate on weighing systems. SLIPNOT can coat customer supplied industrial scales or provide new weighing systems.



PRODUCT INFORMATION

Thickness: 1/8”, 3/16", 1/4"

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 1 (Fine), Grade 2 (Medium), or Grade 3 (Coarse – steel surface only)

Floor scale cover plates can be custom fabricated to meet job specifications

Installation method: Based on floor scale manufacturer

For a quote on a new floor scale assembly with a SLIPNOT slip resistant top plate please contact a floor scale manufacturer and specify SLIPNOT.

Advantages:

- Easily retrofitted onto existing floor scale assemblies, creating a high traction surface

HANDRAILS

SLIPNOT handrails provide additional traction for employees and pedestrians, and are effective in wet environments like manufacturing plants and offshore drilling platforms. Stainless steel handrails are ideal for food plants where sanitation is a top priority and a chemical/ corrosion surface is vital.

Slip resistant handrails are recommended with safety gloves due to the abrasive surface.



PRODUCT INFORMATION

Thickness: Customer specific

Length: 10’ – 20’

Shapes: 1-1/2” round or square tubes

Custom sizes can be fabricated to meet job specifications

Available SLIPNOT surfaces: Steel, Stainless Steel, and Aluminum

SLIPNOT finishes: Mill, Painted, or Galvanized Steel

Available in: Grade 1 (Fine) or Grade 2 (Medium)

Coated on one, two, three, or all sides of the rail

Sold in stock lengths only

Installation method: Welded or as provided by handrail manufacturer

Advantages:

- Stainless steel handrails are NSF registered for use in food processing facilities
- Replaces or improves traditional railings with high traction surface

ELEVATED SURFACES



9 out of 10
food safety professionals

expressed concern for wet and hazardous areas in their food processing facilities - *Pack Expo, 2021*

Elevated surfaces are extensively present in food plants and quickly become wet and slippery from liquid, grease, blood, and oil spillover, increasing the likelihood of employee slips and falls if not adequately mitigated

Installation of SLIPNOT eliminated the risks of slips and falls by over 90%

SLIPNOT® offers

complete, slip-resistant solutions for elevated surface systems that include:

- Floor plates
- Stair Treads
- Handrails

Available in stainless steel that is **NSF approved** for use in food processing facilities and a **NFSI certified high-traction** product



Most common elevated SLIPNOT applications



Catwalks
also known as elevated walkways, are used to get to work areas and access machinery



Crossovers
provides a way for employees to safely step over product conveyors



Work Platforms
enables employees to comfortably and safely



Stairs
The most common access point to all elevated surfaces



Mezzanines
enables access to large machinery but also allows for usable space underneath if needed

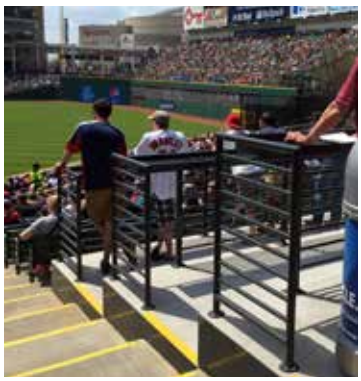
APPLICATIONS

FLOORING
PLATFORMS
PEDESTRIAN WALKWAYS
DRAIN COVERS
STAIRWAYS
ACCESS LADDERS

BRIDGES
TRENCH COVERS
MEZZANINES
VAULT COVERS
CONVEYORS
EXPANSION JOINT COVERS

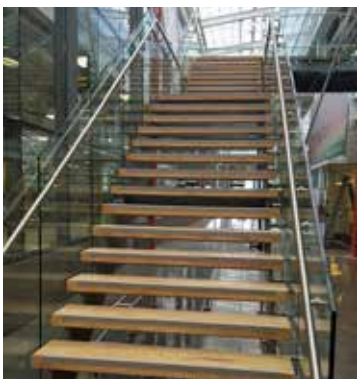
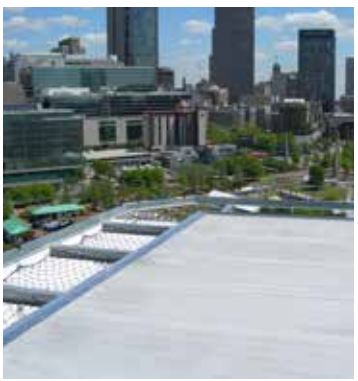




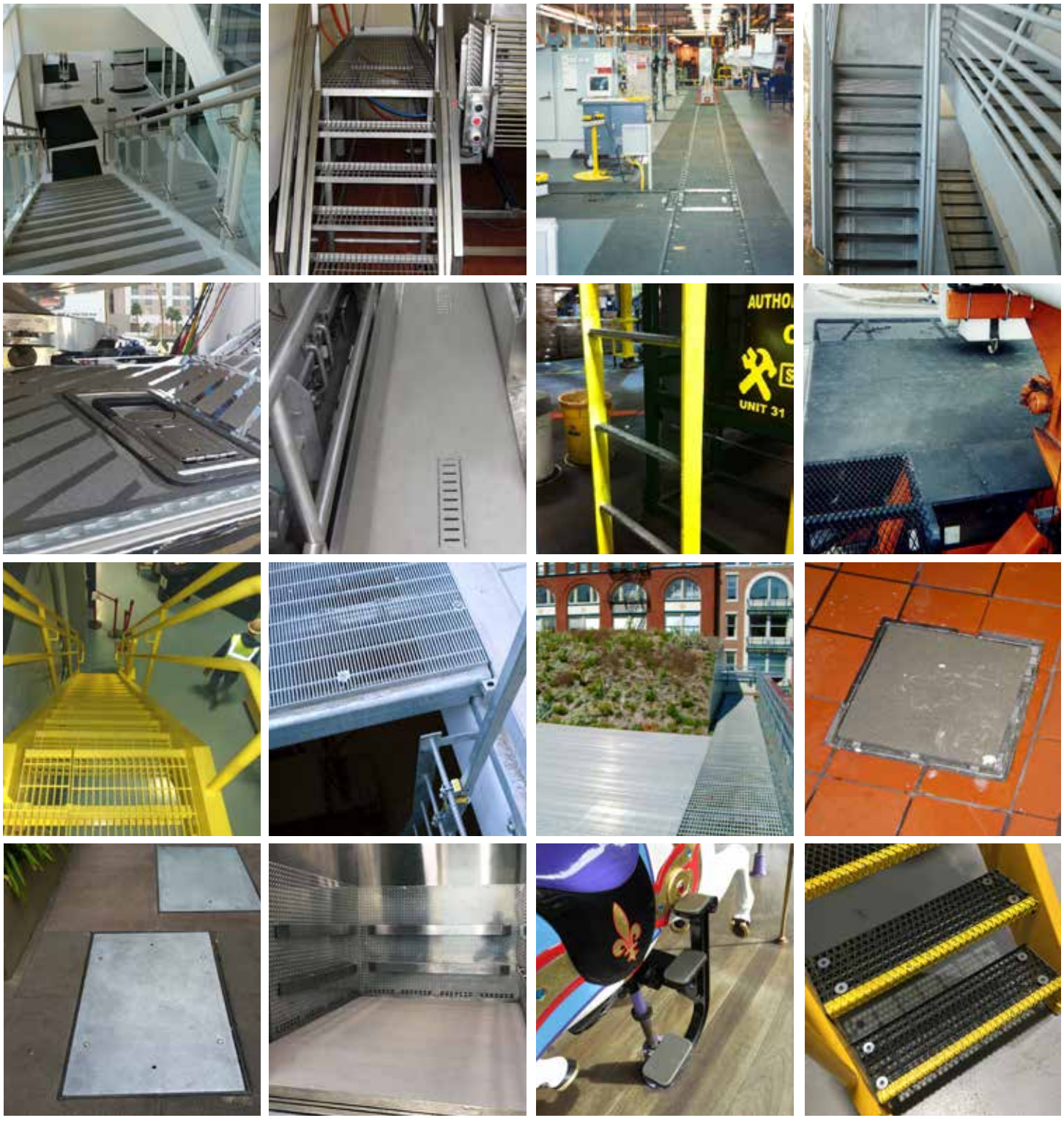




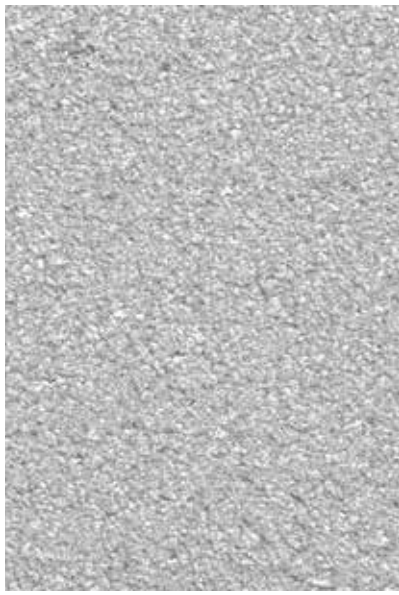


INDUSTRIES SERVED
AEROSPACE
COMMERCIAL
EDUCATION
FOOD & BEVERAGE
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METALS & MINING
OIL & GAS
PULP & PAPER
RECREATION
TRANSPORTATION
UTILITIES
WATER & WASTEWATER



> All SLIPNOT products meet and exceed all coefficient of friction recommendations and standards set by recognized agencies.



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SLIPNOT products may be covered by one or more of the following patents; 5,711,119, 6,839,951 and 6,863,932.