OnGrip™ Spray Traction Surface

THE PROVEN SOLUTION IN WET OR SLIPPERY ENVIRONMENTS

Grating Systems Inc.

BUILDING GRATE RELATIONSHIPS SINCE 1984

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Improve Traction.
Reduce Falls.
Get OnGrip™.

Navy Pier in Chicago, IL (7SG4 High-Heel Friendly Grating)

Introducing OnGrip™ Spray Traction Surface

Grating Systems Inc utilizes metal spray technology to thermally apply a metal grip surface with high bond strength onto the top of the base metal: carbon steel, stainless steel or aluminum.

OnGrip™ improves traction by increasing the coefficient of friction (COF) to meet current industry standards, thus reducing the risk of slips and falls. The surface traction meets the requirements of the Americans with Disabilities Act (ADA). Plus, the wet dynamic COF greatly exceeds ANSI/NFSI B101.3-2012 requirements for high traction, and the requirements of ANSI A137.1-2012. Turn to the back page to see detailed test results.

OnGrip™ is the proven solution in wet or slippery environments requiring slip-resistant walking and working surfaces. It can be applied to plate, stair treads, stair nosings and all metal bar grating and plank products.

Big River Crossing in Memphis, TN (Aluminum Plank)

Applications

- Commercial
- Food & Beverage
- Government
- Infrastructure
- Manufacturing
- Oil & Gas
- Utilities
- Water & Wastewater
- Pedestrian Bridges
- Parks & Piers

Advantages

Specifications

- Meets the Americans with Disabilities Act (ADA) requirement for slip resistance.
- Exceeds ANSI/NFSI B101.3-2012 wet dynamic COF for high traction.
- Exceeds ANSI A137.1-2012 wet dynamic COF requirements.
- Thermally applied material provides a durable surface for long service life.
- Galvanized over coating for corrosion protection.
- Painted (any color) over coating for corrosion protection.

Flexible process – short lead time

- OnGrip™ can be applied to aluminum grating, treads and plank, carbon steel and stainless steel grating, treads and plate surfaces.
- In-house process allows for shorter lead times for the customer.
- Other customized solutions and options available.

Lower bottom-line costs for owners

- Shipping and freight savings on customer orders.
- Long product service life reduces repair and replacement costs.
- Reduces slip-and-fall accident risk to property owners.

1 in 5

FALLS CAUSE A SERIOUS INJURY

SURFACE CONDITIONS CAUSE

55%

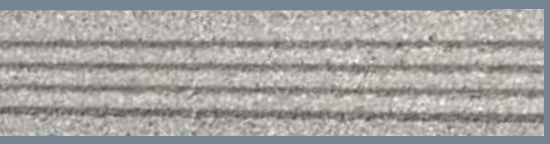
OF SLIP-AND-FALL INCIDENTS

FALL INJURIES ADD UP TO

$31

BILLION ANNUALLY IN MEDICAL COSTS

Material Finishes



Carbon Steel

Carbon steel grating should be coated (e.g. galvanized or painted – any color) for corrosion resistance.

Aluminum

Aluminum grating and plank can be mill finished, anodized or painted.

Stainless Steel

Stainless steel requires no finish.

Testing

Surfaces with wet dynamic COF values greater than 0.45 are rated "high traction" with low probability of slipping. Through ANSI A137.1-2012 testing, OnGrip™ Spray Traction Surface exhibited an average between 0.77 and 0.95. In ANSI/NFSI B101.3-2012 testing, OnGrip™ has exhibited values between 0.65 and 0.92. In both cases, the product far exceeds the standard.

ANSI A137.1-2012 Testing

Surface	Finish	Sample	Avg. Wet DCOF	Traction Level
Carbon Steel Plate	Powder Coat Paint	1	0.78	High
Carbon Steel Plate	Powder Coat Paint	2	0.79	High
Carbon Steel Plate	Powder Coat Paint	3	0.78	High
Carbon Steel Plate	Galvanized	1	0.78	High
Carbon Steel Plate	Galvanized	2	0.77	High
Carbon Steel Plate	Galvanized	3	0.80	High
Stainless Steel Plate	Mill	1	0.93	High
Stainless Steel Plate	Mill	2	0.95	High
Stainless Steel Plate	Mill	3	0.90	High
Aluminum Plank	Mill	1	0.84	High
Aluminum Plank	Mill	2	0.81	High
Aluminum Plank	Mill	3	0.81	High

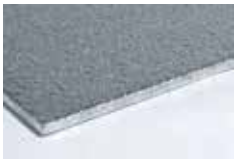
Moore Engineering Services Test Report (12-14-16)

ALUMINUM




CARBON STEEL






Average Bond Strength

Surface	Lbs. /in^2
OnGrip™ Carbon Steel	4,195 psi
OnGrip™ Stainless Steel	4,339 psi
OnGrip™ Aluminum	>3,200 psi*

St. Louis Testing Lab Report (1-9-15)
**Limit of test equipment*

ANSI/NFSI B101.3-2012 Testing

Surface	Finish	Sample	Avg. Wet DCOF	Traction Level
Carbon Steel	Powder Coat Paint	1	0.77	High
Carbon Steel	Powder Coat Paint	2	0.73	High
Carbon Steel	Powder Coat Paint	3	0.74	High
Carbon Steel	Galvanized	1	0.65	High
Carbon Steel	Galvanized	2	0.66	High
Carbon Steel	Galvanized	3	0.72	High
Stainless Steel	Mill	1	0.91	High
Stainless Steel	Mill	2	0.92	High
Stainless Steel	Mill	3	0.86	High
Aluminum	Mill	1	0.82	High
Aluminum	Mill	2	0.83	High
Aluminum	Mill	3	0.83	High

Moore Engineering Services Test Report (12-14-16)

STAINLESS STEEL