

# The U.S. Navy's Secret Weapon Against Slips.

## TYPICAL APPLICATIONS:

Loading docks  
Platforms  
Forklift traffic  
Ramps  
Wet areas  
Steps  
Aisles  
Walkways  
Around machinery  
Exits/entrances  
Splash & spill areas  
Vehicle beds & step bumpers  
Chemical transfer areas  
Wash down areas  
Garages  
Handicap zones  
Diamond plate surfaces  
Areas exposed to the elements  
Anywhere contaminants fall

## TYPICAL INDUSTRIES:

Food processing  
Paper mills  
Heavy manufacturing  
Bottlers  
Canneries  
Meat packing plants  
Poultry plants  
Shipping & transportation  
Public facilities  
Hospitals & nursing homes  
Railroads & subway systems  
Sewage and treatment plants  
Breweries  
Theme parks  
Oil refineries  
Chemical plants  
Wineries  
Schools & public institutions  
Textile mills

To Stop Slip-Ups From  
Sinking Your Business.

Visit us at:  
[www.astantislip.com](http://www.astantislip.com)  
1-800-631-7841



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11/05

# Discover the U.S. Navy's Secret Weapon Against Slips.

(And fight America's #1 workplace killer!)



American Safety Technologies Anti-Slip Coatings

Can you spot the ten million dollar concussion in this x-ray?



**EVERY PERSONAL INJURY LAWYER IN AMERICA CAN!**

Slips and falls are the Number One workplace killer and cause of disabling injury in the workplace. With contaminants like chemicals, water, food scraps, rain or snow, it's only a matter of time until somebody slips and falls. If someone slips and falls in your facility you're going to get the call, and you're going to pay. Protect yourself and your coworkers with American Safety Technologies' proven anti-slip solutions.

is short lived. The sand crystals soon begin to break off and lay on top of the surface, exposing you to further slip and fall danger. Continually replacing these worn sand-in-paint surfaces is a hassle and expensive. As any plant manager can tell you, the expense of the prep work far exceeds the cost of the product. Not to mention the several days of downtime you'll suffer during application, after application.

AST Anti-Slip Coatings can change all that. They last over 5 times longer than sand-in-paint and other broadcast systems, even when subjected to the most punishing environments. And five times more durability means five times fewer applications, downtime, and expense, as well as five times fewer headaches for you.

How much does this ease and durability cost you? Probably not a penny more than what you're currently paying. At only \$2 to \$3/sq. ft., AST Anti-Slip Coatings cost the same as ordinary industrial floor paints.



If AST Anti-Slip Coatings can stand up to the relentless poundings of jet fighter traffic, they can easily handle your heaviest forklift, steel-wheeled and pedestrian traffic.

**BATTLE TESTED TOUGH.**

AST Anti-Slip Coatings were first developed for military use on the decks of America's aircraft carriers. They've kept U.S. Navy personnel and equipment safe from slips, falls and skids under the most extreme conditions imaginable for over 40 years. In what the military terms a "controlled crash," our coatings are tested and certified to withstand over 15,000 high-impact landings from a 60,000 pound jet fighter,

dragging a steel tailhook across the deck at over 170 mph. In addition to this relentless beating, AST Anti-Slip Coatings were designed to handle some of the most corrosive substances in the world including jet fuel, Skydrol hydraulic fluid, grease, oil and salt spray. If AST Anti-Slip Coatings can stand up to that type of brutal punishment, they can easily handle the heaviest forklift, steel-wheeled, and pedestrian traffic you can imagine.

Bottom line, AST Anti-Slip Coating technology was developed, tested and certified for the U.S. Navy. By adopting the military's secret weapon against slips and falls in your plant, you can enjoy 5 times better protection from slips and falls with 5 times fewer applications than plain old sand-in-paint. Last but not least, you don't need an appropriation from congress to afford it—AST's extraordinary level of protection costs the same as ordinary industrial floor paints.

**EXCEEDS OSHA, USDA, AND ADA STANDARDS**

AST Anti-Slip Coatings exceed the strictest USDA, OSHA, and ADA specifications. They also pass ASTM tests including:

- F-510, Frick-Taber long-term wear test for durability.
- D-2794 for impact resistance from falling objects.
- D-1894 for sufficient coefficient of friction in wet and dry environments.
- D-3450 for washability and easy clean-up. Every batch of AST Anti-Slip Coating is tested before shipment at our military certified plant to ensure the highest level of quality control.



**COSTS THE SAME AS PAINT, LASTS FIVE TIMES LONGER**

Sand thrown into ordinary floor paint has been the most common treatment against slips and falls, but the protection



**SAND-IN-PAINT**

- Not recommended for heavy traffic areas.
- Weak impact and chemical resistance.
- Low profile friction surface leads to hydroplaning.
- Unreliable, short-term fix — Lasts 6 to 9 months.
- \$2-\$3 per square foot

**AST ANTI-SLIP COATINGS**

- Engineered to withstand heavy traffic from forklifts, steel-wheeled vehicles and pedestrians.
- Extreme impact and chemical resistance.
- Aggressive profile friction surface provides high traction.
- Long-term solution to slips lasts 5X longer.
- \$2-\$3 per square foot The same cost as ordinary industrial paints.

# Tough Customers Call For Tough Solutions.

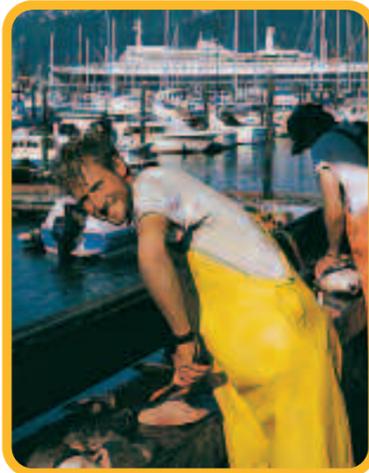
## NASA'S ENGINEERS GET AN ENGINEERED SOLUTION.

NASA's Vehicle Assembly Building is the immense "clean room" where the space shuttle is built. Obviously, sand-in-paint wouldn't meet NASA's high-tech standards. In fact, NASA's requirements for the anti-slip coating to cover the Vehicle Assembly Building's galvanized steel floors and walkways were so stringent and state-of-the-art that the right coating did not exist—until we created it. Everyone agrees it's out of this world.

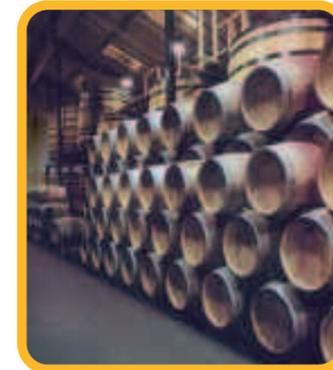


## THE SLIPPERIEST PLACE ON EARTH.

There may be no other place in the world you'll find as slippery as a fish processing plant. Workers have to shovel through waist-deep fish slime and guts in chest waders. Of course, slipping and falling in fish entrails isn't one of the highlights of the job. That's why AST's Anti-Slip Coatings are number one among North American fisheries. We can't do anything about the smell, but we can keep employees from drowning in fish.



## VOC'S AND WINE DON'T MIX.



Napa Valley's famous wines are aged in huge, wooden casks in climate-controlled cellars. High humidity is required to keep the casks from drying and cracking—and to prevent the wines from evaporating and prematurely aging. Unfortunately, several wineries' forklift trucks kept slipping and sliding on the wet floors while transporting the casks. So they called us for an extremely tough, anti-slip coating that would hold up to heavy forklift traffic, yet give off no fumes. Since the casks breathe, any odors from the room would adversely affect wine flavor. Fortunately, AST's Anti-Slip Coatings can withstand the harshest treatment—even in a zero-VOC formulation. Now Napa Valley only has to worry about moisture in the vineyards, not the cellars.



## FOR THE U.S. POSTAL SERVICE, WE DELIVER.

When Grumman Allied won the contract to supply the U.S. Postal Service with almost 100,000 Long Life Vehicles, they called us. They needed an anti-slip coating for the cargo area of the trucks that would match the incredible durability of their vehicles. They also needed a coating that could be applied quickly and easily during their fast production process. Unfortunately, the perfect coating did not exist. But since Grumman makes the F-14 Tomcats that smash into our incredibly tough anti-slip coatings on Navy aircraft carriers, they were confident that we could invent the anti-slip coating they needed. And we did. It will be on every new postal truck you'll see for years to come.



## A TEN-STORY FALL AND YOU'RE SHARK BAIT.

One false step on an oil-drilling platform can lead to a 10-story plunge into the ocean. That's why employees get combat pay to work on a platform. The wet metal gang-planks and ladders are precarious even when not sprayed with salt water, oil and lubricants. But when they're covered with our anti-slip coatings, suddenly everything's a lot safer. That's why the big offshore oil rigs depend on AST to keep them on their feet.

## WET CEMENT AND WILD KIDS.

Every day at a well-known water park, thousands of excited, screaming children run around barefoot on wet cement. The potential for a liability disaster makes lawyers almost as excited as the kids. That's why the park uses our anti-slip coatings around the pool and water slide areas. They're better than liability insurance!

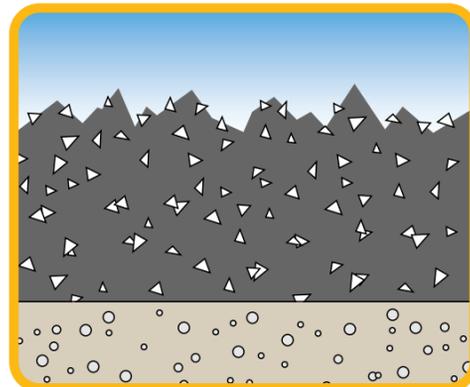


## THE NAVY CALLS IT A "CONTROLLED CRASH."

The F-14 Tomcats that smash onto the surface of US Navy aircraft carriers in what is so appropriately called a "controlled crash," are ruthless on the flight deck's coating. They weigh over 30 tons and slam onto the surface at 170 mph. The exhaust from their afterburners reaches 1,800 degrees Fahrenheit during catapult takeoffs. The most corrosive substances in the world spray onto the deck: jet fuel, Skydrol hydraulic fluid, grease, oil, and salt spray. It also has to withstand ultraviolet rays, terrible storms, extreme heat and cold, and the shock and abrasion of a jet smashing into a tailhook landing. The Navy can't settle for second best. That's why they use AST Anti-Slip Coatings.

## ENGINEERED SOLUTION.

Our anti-slip coatings are engineered to provide a unique profile of peaks and valleys when applied with our special phenolic core roller. Liquids and other contaminants flow into the valleys leaving the high-traction peaks exposed, negating any hydroplaning effect. If the peaks ever begin to wear away, they expose fresh grit in the valleys for excellent slip-resistance for years, or even decades, to come.



## SPECIALIZED SOLUTIONS FOR SPECIALIZED PROBLEMS.

As the leading technologist in the industry, AST is constantly innovating to meet our customers' unique needs. Our highly specialized products range from heavy-duty, Kevlar™-based, two-component, zero-VOC formulations engineered for maximum impact

and chemical resistance to easy-to-use, single-component, pedestrian traffic formulations that you can apply straight out of the can. We can even create custom mixes or colors. AST has the solutions you need, let us help.

# Tough Anti-Slip Coatings For Wherever You Need Protection.



AS-75

This single-component, low-VOC, elastomeric acrylic polymer is specially formulated for pedestrian traffic and is uniquely compatible with asphalt. It yields a sealed and weather-resistant anti-slip surface and can be applied over damp areas. Clean-up is fast and easy, since it's water-based. Use it on asphalt, primed steel, concrete or wood—walkways, ramps, platforms—anywhere you need a durable, anti-slip surface for walking. Available in gray, black, tile red, and safety yellow.



AS-150

Because of its single-component formulation you can use this epoxy straight out of the can as needed and then reseal for future use. Able to withstand heavy pedestrian and light rolling traffic, fire, gasoline, oil, salt water, acid, alkali and aliphatic solvents—and is great for floors, ramps, decks, entrances, step bumpers, treads, machine shops and manufacturing facilities. Available in gray, black, tile red, and safety yellow.



AS-175

This two-component, low-VOC, waterborne epoxy with moderate grit is self-sealing and specially formulated for wet areas. It's easy to clean and chemical-resistant—perfect for barefoot and recreational traffic areas such as pools, locker rooms, showers, pleasure boats, docks, marinas, laundries, walkways and decks. Its high rate of coverage makes it an economical choice. Available in light gray, black, beige, tile red, and safety yellow.



AS-250

This heavy-duty, two-component epoxy is formulated for maximum durability under heavy vehicular traffic. It's resistant to fire, acid, alkali, solvent, grease, oil, salt water, detergent, alcohol, gasoline, hydraulic fluid, and weather. This makes it ideal for ramps, walkways, forklift traffic, loading docks, ships, stadiums, garages—wherever you need an extremely tough and tenacious anti-slip surface. Available in gray, black, tile red, and safety yellow.



AS-550

This extra heavy-duty, highly chemical-resistant, two-component, high-solids, low-VOC epoxy is formulated for extreme wear. There's nothing tougher, yet its sealed, non-porous surface makes it very easy to clean. It's the answer for fuel handling depots, transit systems, maintenance plants, factories, commercial fishing operations, chemical and printing plants—any place that receives the harshest wear and tear. Available in gray, black, tile red, and safety yellow.



AS-2500

This extra heavy-duty, chemically-resistant, two-component, 100%-solids, zero-VOC, low-odor epoxy has the same incredible strength as our AS-550. But its zero-VOC formula makes it perfect for indoor use in food processing and preparation areas, meat packing and poultry operations, breweries, wineries, bakeries, bottling plants and hospitals or any confined, low-ventilation or spark-sensitive area. Available in gray, black, tile red, and safety yellow. Also available in fast drying rapid cure.

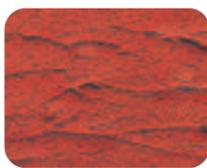
| Estimated Coverage in Sq. Ft. / Gallon |        |       | VOC Volumes   |               |          | Meets OSHA, ADA & USDA Guidelines | Est. Dry Time in Hours @ 70°F (21°C) |               | Est. Pot Life in Hours @ 70°F (21°C) | Coefficient of Friction (ADA min. = .6) |      |
|--|--------|-------|---------------|---------------|----------|-----------------------------------|--------------------------------------|---------------|--------------------------------------|---|------|
| Roller                                 | Trowel | Spray | Lbs. / Gallon | Grams / Liter | % Solids |                                   | Light Traffic                        | Heavy Traffic |                                      | Dry                                     | Wet  |
| 70                                     |        | 125   | .34           | 42            | 68       | YES                               | 3-4                                  | 24            | NA                                   | 1.3                                     | .9   |
| 50                                     | 40     | 60    | 2.0           | 250           | 61       | YES                               | 12                                   | 48            | NA                                   | 1.17                                    | 1.0  |
| 90                                     |        | 120   | .5            | 60            | 63       | YES                               | 24                                   | 48            | 1                                    | .78                                     | .86  |
| 40                                     | 50     | 60    | 2.0           | 250           | 71       | YES                               | 12                                   | 48            | 4                                    | 1.05                                    | 1.05 |
| 30                                     | 45     | 60    | .75           | 90            | 89       | YES                               | 12                                   | 24            | 1                                    | .88                                     | .93  |
| 25-35                                  | 40     | 60    | 0             | 0             | 100      | YES                               | 24                                   | 48            | 1                                    | 1.1                                     | 1.0  |



Beige\*



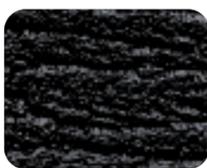
Gray



Tile Red



Light Gray\*



Black



Safety Yellow

\*Available in AS-175 only.

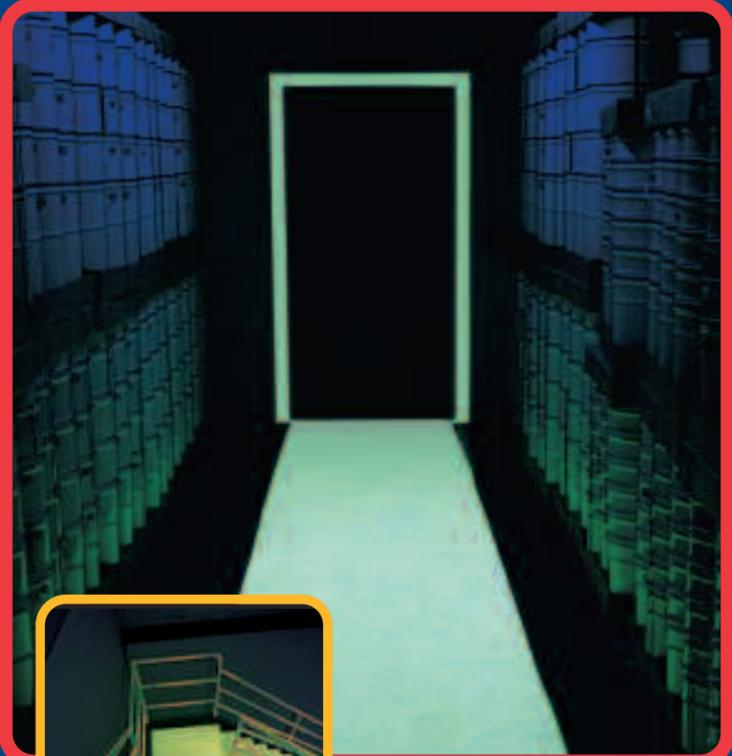
## GREAT GUARANTEE.

Our AST Anti-Slip Coatings are the best. They've proven themselves as the high-performance choice for the toughest environments. That's why we guarantee satisfaction on your first trial order. If you aren't happy with the performance of our products, we'll gladly refund the purchase price—no questions asked.

## SUPER TECH SUPPORT.

Call our technical support hot line for product specifications, MSDS sheets, and answers to all of your technical or application questions. Whether you want to speak to one of our trained customer service representatives or be put into direct contact with our technical lab, we're here to help.

1-800-631-7841



## WHEN SECONDS COUNT, LUMATRAX SHOWS THE WAY OUT

In an emergency situation, it's too late to make sure your employees can see the way out. American Safety Technologies, long the leader in traction enhancing anti-slip coatings, announces the introduction of two industry leading glow-in-the-dark coatings.

### LUMATRAX II Anti-Slip Floor Coating *and now,* LUMATRAX SMC Safety Marking Coating

Why wait until darkness or other low light conditions threaten the ability of your workers to exit the facility safely in an emergency condition? Lumatrax II or Lumatrax SMC coatings can provide your company with one of the best exit marking systems in the industry.



*Designed to meet the tough new ASTM standards, these products can glow up to 4 hours to the dark adapted eye, and recharge in minutes with exposure to artificial light sources.*

LUMATRAX, solutions you can see... safety you can count on.

Both of these coatings are designed to meet the stringent new ASTM E 2072\* Standards for Photoluminescent Safety Markings. This means you get one of the brightest, non-radioactive coatings available today. For more information on ASTM E 2072, please visit them at [www.astm.org](http://www.astm.org)



**AS-3000 HEAVY-DUTY URETHANE COATING** This two-component, moisture cured anti-slip urethane coating is tough, long wearing and provides safe footing and better traction for personnel and equipment. AS-3000 assures a slip resistant surface while protecting against weathering and moderate chemical and petroleum contact. Perfect for industrial, commercial, marine and other markets where a heavy-duty, anti-slip safety surface is required. Applications include work areas, ramps, loading docks, walkways, industrial flooring, machinery spaces, etc. And, the anti-slip properties are not substantially affected by water, oil, grease, drilling mud, jet fuel or gasoline.



## EASY ON YOUR BUDGET. TOUGH TO WEAR OUT.

You can enjoy all the protection and durability of the world's toughest anti-slip coatings for less than \$2 to \$3/sq. ft. Compare these costs with sand-in-paint and other broadcast methods, or labor intensive,

contractor-applied systems, and you'll find that AST Anti-Slip Coatings can't be beat. Almost impossible to wear out, they provide protection against slips and falls that is both long lasting and cost effective.

1-800-631-7841

## Application as Easy as 1, 2, 3.



Our products are so easy to apply you can do it yourself. For all but the biggest jobs, you don't need a contractor so there is no wasted time and aggravation gathering bids. You can apply it as needed, when it's convenient for you (minimizing down time) or on areas too small to interest a contractor.

**It's this simple:** First, clean the floor of grease and oil, and patch or prime if necessary. Then mix the contents of the can(s) thoroughly. Apply with our special phenolic roller—which builds the correct anti-slip profile as you pull it across the surface. Let it dry. You're done!

## The Right Prep for The Right Coating.

Formulated to complement our many different coatings, each product enhances a specific application. Call our technical support line at 1-800-631-7841 for the product or application technique that's right for you.

**AS-5000 FLOOR PATCH KIT** Repair concrete with this epoxy-based resurfacing and patching compound, ideally suited for floors exposed to acids, solvents, oils and water. It delivers the toughest floor repairs in the world.



**PS-100WB PRIMER/SEALER**  
Specially formulated to increase adhesion of our coatings on porous floors, such as concrete, wood and tile. Our water-based, low-odor primer/sealer yields a tough, long-lasting surface.

**EP-100 PRIMER**  
This two-component, 100%-solids, clear epoxy primer was developed for use with high-solids products and our AS-2500 anti-slip coating.



**AP-100 ACRYLIC PRIMER**  
Use this single-component, clear, zero-VOC, water-based, acrylic primer with our AS-75 anti-slip floor coating and for applications on porous surfaces, wood or concrete.



**MS-5C INDUSTRIAL METAL PRIMER**  
This two-part, epoxy-polyamide primer is required prior to application of our anti-slip coatings over metal. It provides maximum adhesion, toughness and corrosion resistance, withstanding even salt and chemical attack.



# Which Anti-Slip Product is Right for You?

## ANTI-SLIP COATINGS

for Pedestrian, Recreational and Light Rolling Traffic



One-Component Pedestrian Quick Drying

One-Component Heavy Pedestrian Light Rolling Traffic

Barefoot Recreational Low-Profile

## GLOW IN THE DARK ANTI-SLIP COATING

use LumaTrax Anti-Slip wherever Darkness Threatens



## HEAVY-DUTY ANTI-SLIP COATINGS

for Heavy Vehicular or Pedestrian Traffic with Maximum Resistance to Chemicals



Heavy Vehicular Two-Component

Chemical Resistant Xtra Heavy Duty Easy Cleaning

Xtra Heavy Duty Zero-VOC's No Odor



Vehicular Traffic



Platforms



Beds & Step Bumpers



Public Facilities



Around Machinery

## PROVE IT WITH A TEST PATCH.

Find out for yourself how tough and durable AST Anti-Slip Coatings really are. Call today and we will put you in touch with your local AST distributor. They can apply a test patch in your facility that will prove beyond a doubt that AST Anti-Slip Coatings will stand up to anything

your plant can dish out. Your coatings professional can also provide an expert floor or concrete analysis, help you place an order, or answer any questions you may have.

1-800-631-7841

