

# CARE & CLEANING RECOMMENDATIONS

**SLIPNOT®** products, due to their abrasive slip-resistant characteristics, require different cleaning techniques than untreated plates, steps, ladder rungs, and bar gratings. The SLIPNOT surface cannot be mopped. The file-like surface profile will destroy a standard sponge-mop or cloth mop head.

The following suggestions utilize readily available products and equipment which can generally be purchased from any home improvement store. As always, follow product manufacturers' recommendations for safe handling of any agents/equipment utilized. Any chemical treatments should be tested in inconspicuous locations to insure compatibility.

## EQUIPMENT

**PORTABLE FLOOR SCRUBBER** with rotating stiff-bristle (non-metallic) head - unit should be lightweight and narrow enough to be used in required areas.

**POWER-WASHER** if suitable for site.

**BRISTLE BRUSHES** *Long handled* are more convenient to be used in combination with power washing. *Short handled* or scrub-brushes for spot removal or localized applications.

## AGENTS

**WATER-BASED DEGREASING AGENT** Tri-Sodium Phosphate is an alkaline cleaner sold as Aluminum Siding Cleaner for home use. This has proven to be the most "universal" cleansing agent for many different SLIPNOT applications.

**STANDARD WATER-BASED DETERGENT** as a general dirt / debris remover.

## CAUTIONARY NOTES

**AVOID** cloth or sponge-like materials, squeegees, or other such items. If these materials are rubbed across any SLIPNOT surface, such actions will shred/destroy these items due to the file like SLIPNOT surface profile and additionally contaminate the surface. Absorbent cloths or soft sponges can be pressed onto the surfaces to remove water or other liquid contaminants.

Organic based stains, such as grease or oil, can be removed with standard organic solvents. The most common is commercially available brake cleaner but any organic solvent will most likely work. Some scrubbing may be required to remove grease buildup.

## STEEL PRODUCTS



- › Mill finish steel SLIPNOT products will rust if exposed to moisture or humidity.
  - › Material should be primed and painted or hot dipped galvanized to prevent corrosion.
  - › Hot dipped galvanizing is the ideal method for corrosion resistance.
  - › Use a power washer and stiff bristle brush to remove any debris lodged in peaks and valleys.
- Note:** steel products should be protected from any corrosion potential.

## ALUMINUM PRODUCTS



- › Aluminum is a soft alloy and care must be taken that any cleaning actions do not degrade the SLIPNOT surface profile and impact its slip-resistant properties.
- › SLIPNOT recommends that a stiffened bristle brush used in conjunction with a power washer - aluminum is a softer alloy, so care must be used in all cleaning actions to prevent surface degradation.
- › Standard aluminum cleaning products such as Tri-Sodium Phosphate solutions work well.

## STAINLESS STEEL PRODUCTS



- › Be aware that certain organic enzyme and alkaline based cleaning agents can blacken the stainless steel which will bleed through the SLIPNOT surface layer as well.
- › The stainless steel SLIPNOT is our most chemically resistant product and withstands nearly all other cleaning or environmental situations from alkaline to acidic. Also, the stainless steel products can be passivated to remove welding discolorations.
- › Use a power washer and stiff bristle brush to remove any debris lodged in peaks and valleys.
- › Should the stainless steel product be contaminated with surface rust, it is generally recommended that this be removed with appropriate surface treatments.

## TIPS & TECHNIQUES

- ▶ Where practical, power-washing areas in combination with bristle brushing and standard detergent generally removes normal dirt or debris. Grime is best removed with a tri-sodium phosphate or equivalent degreasing solution.
- ▶ Brushes should be applied in all directions, such as in circular patterns where possible and side-to-side/front-to-back where spaces are limited. This allows cleaning agents to penetrate to the subsurface material where any stains reside and remove loose debris or particulates at the same time.
- ▶ More stubborn stains can be treated with appropriate spot-cleaning treatments in combination with smaller hand brushes. Omni-directional brushing is required to ensure adequate surface penetration of the cleaning agent(s).
- ▶ Where power-washing is impractical, a solution of tri-sodium phosphate or other appropriate agent(s) should be liberally applied to the areas and similar omnidirectional bristle-brushing techniques utilized.

## ROUTINE CLEANING OPTIONS

### DAILY

#### EQUIPMENT

Bristle brush, brooms, absorbent cloth/soft sponge

#### EFFORT REQUIRED

Light

#### ACTIONS

Debris should be removed with bristle brushing in short strokes side-to-side and then back to front. Actions should be taken top-down to avoid contaminating previously cleaned areas.

Liquids present should be removed by application of an absorbent cloth/pad or soft sponge placed directly on top of the surface/contamination area. No lateral movement of these items should be used as they will be shredded by the SLIPNOT surface profile creating additional debris removal.

Spot stains can be treated with an appropriate surface cleanser and small bristle brush to prevent stain build-up.

### MONTHLY

#### EQUIPMENT

Power-washer, bristle brushes, brooms, portable floor scrubber

#### EFFORT REQUIRED

Light to Moderate

#### ACTIONS

Power-washing in combination with powered floor scrubber or brushes and suitable degreasing agent used to comprehensively clean SLIPNOT® materials.

### SEASONAL

#### EQUIPMENT

Power-washer, bristle brushes, brooms, portable floor scrubber, additional equipment as required

#### EFFORT REQUIRED

Moderate to Heavy

#### ACTIONS

Review of site conditions to dictate actions taken. Such actions may require temporary shutdown of treatment areas for multi-day applications.

Persistent stains should be treated with spot-cleansers and brushes.

Where required, specialized chemical treatments may be utilized to treat specific contaminants with appropriate safety and environmental precautions in place.

This document is offered as a general outline for treatment of surface contaminants commonly found in the course of normal use. Non-standard surface impacts require specific remedies outside the scope of this document. Actions may not be appropriate for all types of stains or cleaning conditions.

As always practical reasoning should be used to dictate any cleaning efforts to minimize potential damage to the SLIPNOT products, surrounding areas, and environment.

**SLIPNOT is not responsible for any damages caused by third-party actions.**