

# RESILIENT FLOOR CARE



**WE HAVE THE SOLUTIONS**



# Resilient Floor Care Solutions



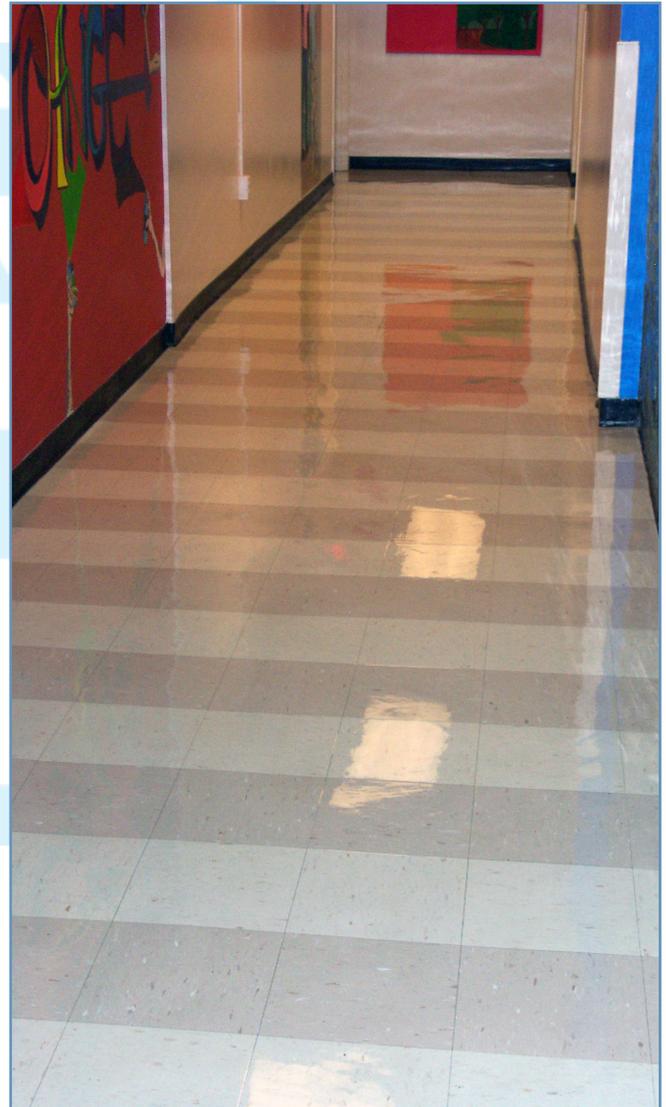
## Polymer Matrix Technology™

Polymer Matrix Technology™ represents an innovative approach in the formulation of resilient floor care coatings. It is a new process of blending a “polymer within a polymer”. Through this unique process, we were able to create overall performance improvements by combining the strengths of two distinct polymers into a single base component.

Building on the base component, we then formulated specific performance characteristics into each of our unique finishes. We created the PMT™ Matrix (pg. 3) to make it easier for you to select the right finish for your facility and maintenance program. You are able to simply match your desired level of *Performance Per Coat* to your *Maintenance Frequency* in order to determine the finish that will best meet the needs of your facility.



Your local Triple S Distributor Representative is ready to assist you in developing a coordinated floor care program based around the Triple S products that best meets your needs.



## Our EarthCare Product Line

Caring for the environment and providing a healthy workplace are demanding tasks that offer unquestionable long term benefits. Determining what is truly “environmentally friendly” or “green” has been a confusing process. The development of recognized standards greatly improves our ability to make purchasing decisions that contribute to the sustainability of a healthy environment for all.

The presence of the Triple S EarthCare® seal indicates that a product meets “green” standards from a recognized organization (such as Green Seal, EcoLogo, or the EPA) or the product offers significant features that contribute to the preservation and sustainability of a healthy environment. Look for the Triple S EarthCare® seal when you want to make the places where we work, live, learn and play healthier.

**ASK ABOUT OUR EARTHCARE GREEN GUIDE!**

# Resilient Floor Care Solutions



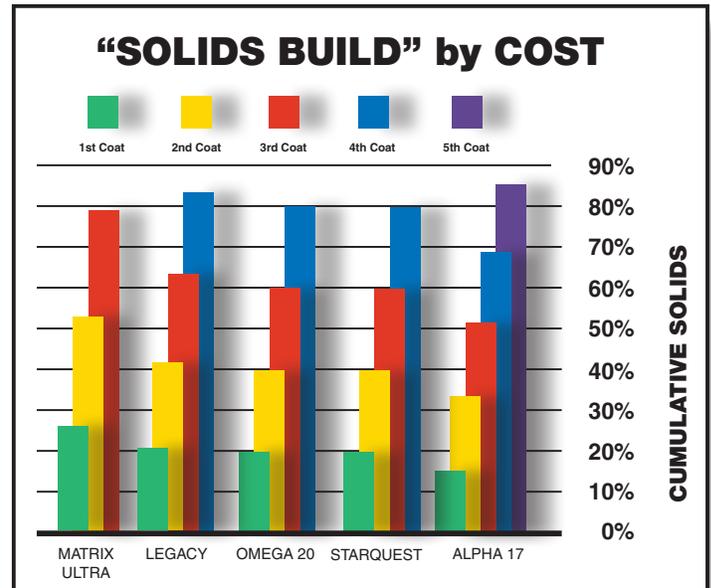
## Why Are Floor Finish Solids Important?

Understanding floor finish solids is important. Solids represent the percentage of the liquid finish in the bottle or pail that actually dries to a solid on the floor. These solids build coat by coat on the floor to provide the desired level of gloss and protection.

The graph provides a visual demonstration of how finish solids build on a comparative basis. While higher solid finishes are more expensive per gallon, they also have the greatest potential impact on your labor cost. This is critical because labor, on average, represents 90% of the cost of facility maintenance. The remaining 10% is attributed to the cost of products. Lower cost finishes with lower solids typically increase total cost (labor and product).

## 3 Coats vs. 5 Coats

The ISSA Cleaning Times Standard indicates that it takes 36 minutes to apply a coat of floor finish (using a conventional mop) to 1,000 square feet of floor surface. As you can see in the chart, it only takes three coats of an ultra high solids finish (**MATRIX ULTRA**) to reach the targeted Cumulative Solids Build versus the five coats required for a mid solids finish (**ALPHA 17**). Achieving the targeted Cumulative Solids Build is important. If the film thickness of the finish (solids on the floor) is too thin, the protection, gloss and durability provided will be short lived and may require excessive maintenance. **MATRIX ULTRA** will allow you to achieve the required film thickness with fewer coats reducing your labor investment.



## Big Labor Savings

Three coats of **MATRIX ULTRA** (26.5%) requires 108 minutes of application time. Five coats of **ALPHA 17** (17%) requires 180 minutes to apply. The difference is 72 minutes for every 1,000 square feet of floor. A 25,000 square foot facility would require 1,800 extra minutes (25 x 72 minutes). The difference equals 30 hours of labor! If the labor cost is \$12.00 per hour, using **MATRIX ULTRA** would have saved \$360.00 and freed up the approximate equivalent of four days of labor that could be applied to other maintenance tasks!

## COMPASS

### Neutral pH Floor Cleaner

This low sudsing, neutral pH cleaner is formulated for use with auto scrubbers. Excellent for general purpose cleaning and damp mopping. Special water softening formulation traps hard water deposits in solution so floors dry clean and clear of dulling film. Contains no inorganic ingredients.



## LEGACY

### Metal-Free Floor Finish

This environmentally preferable metal-free floor finish is formulated with advanced polymer technology. Legacy contains no zinc or other heavy metals. This low odor finish has exceptional durability and can be maintained with scrub and recoat procedures, spray buffing or high speed burnishing.



## TAKE DOWN

### Low Odor Floor Stripper

This low-odor, non-toxic, non corrosive, non-butyl floor stripper is specially designed to remove metal-free and conventional floor finishes. It dissolves multiple coats of finish without harsh alkalis, butyl cellosolve, or strong ammonia odors. No neutralizing needed. No residue left behind to interfere with subsequent finish applications.



THE GREEN GUIDE HIGHLIGHTS ALL OF OUR ECO-FRIENDLY PRODUCTS!

# Floor Finishes



## Polymer Matrix Technology™ Floor Finishes

Polymer Matrix Technology™ delivers the performance characteristics that are essential to a quality floor care program – high initial gloss, film clarity, application ease, outstanding scratch & scuff resistance plus excellent responsiveness to spray buffing, burnishing and restoration.

Select the desired level of *Performance Per Coat* on the matrix shown to the right and then the planned *Maintenance Frequency* along the base. The point of intersection will determine the Triple S Polymer Matrix Technology™ finish that will best meet your needs.

### **MATRIX ULTRA** *Ultra High Solids UHS System*

- Ultra premium performance
- Highest gloss and protection per coat (3-4 coats)
- Excellent leveling & minimum mop drag
- Excellent scuff and scratch resistance
- Maintain 2 or more times per week
- 26.5% non-volatile solids
- 4x1 gal (13114), 5 gal (13115), 55 gal (13116)

### **STARQUEST** *High Solids UHS System*

- Premium performance
- Excellent gloss and protection (4-5 coats)
- Excellent leveling and minimum mop drag
- Excellent scuff and scratch resistance
- Maintain 2 or more times per week
- 20.0% non-volatile solids
- 4x1 gal (13120), 5 gal (13121), 55 gal (13122)

### **OMEGA 20** *High Solids – Low Maintenance System*

- Premium appearance and performance
- Excellent gloss and protection (4-5 coats)
- Outstanding scuff and mark resistance
- Excellent leveling and minimum mop drag
- Maintain 1-2 times (or less) per week
- 20.0% non-volatile solids
- 4x1 gal (13117), 5 gal (13118), 55 gal (13119)

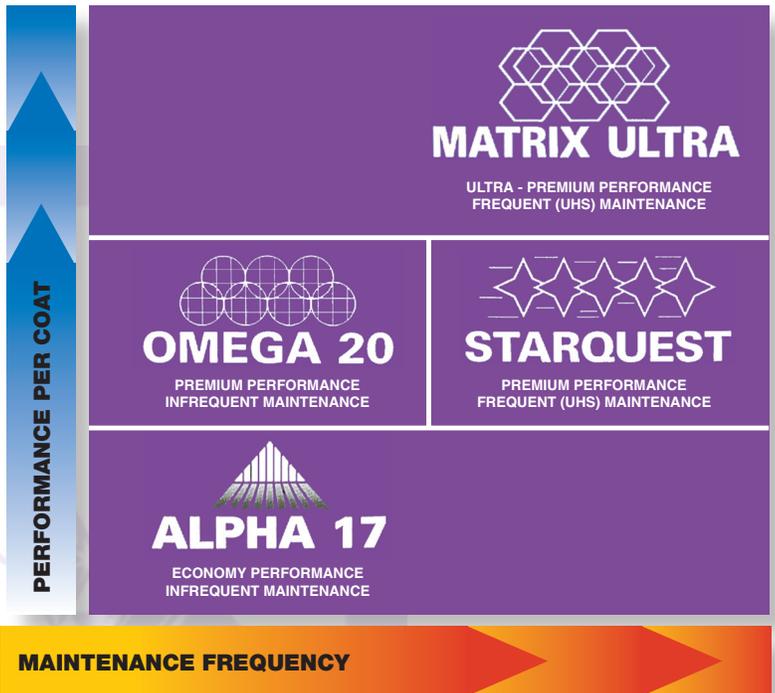
### **ALPHA 17** *Mid Solids – Low Maintenance System*

- High performance at economical price point
- Excellent gloss and protection (5-6 coats)
- Excellent leveling and minimum mop drag
- Outstanding scuff and mark resistance
- 17.0% non-volatile solids
- 4x1 gal (13123), 5 gal (13124), 55 gal (13125)

## Finish Performance vs. Maintenance Frequency

When selecting a floor finish it is important to consider the facility, the staff, time, labor, and the maintenance schedule.

As mentioned earlier, “solids” represent the percentage of the liquid finish that actually dries to a solid on the floor. These solids build coat by coat on the floor to provide the desired level of gloss and protection.



## Why Should I Consider Using a UHS System?

In the same way that ultra high solids finishes provide a faster solids build, Ultra High Speed (UHS) equipment provides a faster maintenance solution. The ISSA Cleaning Times Standard for low speed spray buffing (20-inch machine) is 30 minutes per 1,000 square foot. Using UHS equipment, we can spray buff the same 1,000 sq. ft. area in 7.8 minutes for a 74% reduction in labor. The potential savings are even greater when automatic scrubbers are used to apply products that can clean and restore in one step (**METEOR**) followed by a dry burnish with UHS equipment.

It's critical that all elements of a UHS system are compatible. Please see the back page for recommended UHS systems.

# Floor Finishes



## Conventional Finish and Sealers

### MIRAQUEST PLUS

#### MIRAQUEST PLUS High Solids - UHS System Floor Finish

- High gloss and performance
- Easy to apply
- Excellent durability
- Maintain 2 or more times per week
- 21.0% non-volatile solids
- 4x1 gal (13039), 5 gal (13040), 55 gal (13041)

### NOVA

#### NOVA Seal & Undercoat

- Promotes improved finish adhesion
- Clear non-yellowing film
- Water-based, VOC compliant
- Penetrates substrate, resists stains and soiling
- 14.5% non-volatile solids
- 4x1 gal (13044), 5 gal (13045), 55 gal (13046)

### ORION

#### ORION Seal/Finish for Stone, Polished Concrete, and Natural Tile Floors

- Highly compatible with stone & natural floors
- Penetrates substrate, resists stains and soiling
- Water-based, VOC compliant
- Tough acrylic polymer film, highly scuff resistant
- 19.0% non-volatile solids
- 4x1 gal (13099), 5 gal (13042), 55 gal (13043)

### LEGACY

#### LEGACY Green UHS Compatible

**EcoLogo**  
CERTIFIED



- Excellent gloss and durability
- EcoLogo Certified, EarthCare Approved
- Advanced metal-free polymer technology
- Responds to scrub and recoat or high speed burnishing
- Maintain with **STARGATE** Spray Buff
- Not harmful to wastewater treatment systems
- 4x1 gal (48052), 5 gal (48053)



## STEADFAST

### CHECKERED FLAG

#### CHECKERED FLAG Ultra High Solids Floor Finish

- Premium quality, metal cross-linked acrylic floor finish
- High initial gloss with minimum number of coats
- Withstands daily high traffic
- Excellent scuff and scratch resistance
- Maintain with **STARGATE** Spray Buff, or **METEOR** Cleaner and Restorer
- Ideal for healthcare, schools, retail and offices
- 25% non-volatile solids
- 2.5 gal (48080)

### PACER

#### PACER High Solids Floor Finish

- Easy to use high solids acrylic floor finish
- Durable – designed for high traffic areas
- An excellent product for damp mop and spray buff maintenance programs
- Excellent scuff and scratch resistance
- Ideal for facilities that maintain once a week
- 22% non-volatile solids
- 2.5 gal (48074)

### TURN 4

#### TURN 4 Low Maintenance Floor Finish

- A metal cross-linked, acrylic floor finish
- High initial gloss and durability – maintain with **STARGATE** Spray Buff
- Exceptional mark, scuff and scratch resistance
- Maintains a high appearance level in a low maintenance setting
- Excellent for schools and institutions
- 18% non-volatile solids
- 2.5 gal (48075)

# Cleaners & Gloss Restorer



## PLEASCENT NEUTRA SHINE

### PLEASCENT NEUTRA SHINE *Disinfectant, Virucide and Neutral Cleaner*

- Neutral pH non-dulling, no rinse cleaner
- EPA registered quat disinfectant cleaner and deodorizer
- Surfactant enhanced, excellent cleaner
- Pleascent Scent “system” fragrance, pleasant to use
- Concentrated 2-4 oz dilution for economy
- 4x1 gal (13025), 5 gal (13026), 55 gal (13027)

## DC PINE DC GOLD

### NEUTRAL DISINFECTANTS *Disinfectant, Virucide and Cleaner*

- Neutral pH non-dulling, no rinse cleaner
- EPA registered quat disinfectant cleaner and deodorizer
- Surfactant enhanced, excellent cleaner
- Popular Pine (DC PINE), and Lemon (DC GOLD) fragrance
- Concentrated 2-4 oz dilution for economy
- DC Pine: 4x1 gal (13034), 5 gal (13035), 55 gal (13036)
- DC Gold: 4x1 gal (13028), 5 gal (13029), 55 gal (13030)

## DOMINATOR 64

### DOMINATOR 64 *One-Step Disinfectant, Germicidal, Detergent & Viricide*

- Neutral pH - Safe on finished floors
- Effective on a wide range of bacteria, viruses, and fungi
- Quat-based formula - Hospital grade disinfectant and deodorizer
- Lemon-Citrus fragrance
- High dilution ratio (2 oz. per gallon) - Lower cost in use than many products
- 4x1 gal (13020), 5 gal (13004), 55 gal (13006)

## METEOR

### METEOR *Cleaner & Restorer*

- Cleans & restores gloss in one step for optimal labor savings
- Versatile, apply through auto scrubber or with mop and bucket
- Repairs scuffs and scratches, restores gloss
- Prolongs life of floor finish, extends time between scrub & recoats
- Improves slip resistance when used regularly
- 4 x1 gal (13096)

## STARGATE

### STARGATE *Spray Buff Ready to Use*

- Removes black marks, surface scratches and restores gloss
- Water-based, user friendly
- Extends the life of the finish, less recoating
- Use with 175 to 1500+ rpm equipment
- 12 x1 qt (13091)

## COMPASS

### COMPASS *Green Neutral Floor Cleaner*



- Green Seal Certified, EarthCare Approved
- High performance neutral pH cleaner
- Non-dulling, fresh fragrance
- Designed for daily autoscrubbing or damp mopping
- Environmentally preferred - Green Seal Certified
- 4x1 gal (13138),
- Navigator Dilution Control System, 2 liter (13168)

## STROBE

### STROBE *Neutral No Rinse Cleaner*

- Neutral pH non-dulling, no rinse cleaner
- Fresh fragrance, pleasant to use
- Low foam, compatible with auto scrubbers
- Concentrated, economical (4-6 oz. per gallon)
- 4x1 gal (13085), 5 gal (13086), 55 gal (13087)

## BLUE THUNDER

### BLUE THUNDER *Floor & General Purpose Cleaner*

- Mild alkaline formula cleans film-free
- Cleans oily soils without dulling
- Concentrated for maximum economy
- Ideal for scrub & recoat application
- 4x1 gal (13069), 5 gal (13070), 55 gal (13071)



# Floor Strippers



## Selecting the Right Stripper

A successful Floor Care Program is only as effective as the products and procedures that keep it together. A key ingredient in any successful program is the floor stripper.

If it is time to strip and refinish your floors, selecting the right stripper can make all the difference in saving time, labor, and money.

**There are questions that need to be answered when selecting a floor stripper that best meets your needs:**

- What type of floor will you be stripping (VCT, rubber vinyl, stone, terazzo)?
- What type of pad will you be using to strip the floor?
- When was the floor stripped last?
- What type of maintenance system is in place – High Speed Burnishing or a Low Maintenance System?
- What is the level of finish build-up, or how many coats of finish are on the floor?
- How well ventilated is the facility?
- Are you committed to an environmentally friendly, “Green” floor care program?

Taking time to answer these questions will save you time and money in the long run. Share the answers with your local Triple S Member Representative for guidance on the selection of the right floor stripper for your facility.

*Triple S offers a full line of powerful floor strippers that enable you to take on any job.*

## STEADFAST

### CREW CHIEF

#### CREW CHIEF No Rinse Speed Floor Stripper

- Aggressive emulsifying formula
- Designed for easy removal of heavy build-ups
- Effective on extensively burnished finishes
- No rinse formula eliminates flood rinse, saves labor
- Scrub, pick up and follow with damp mop
- 2.5 gal (48077)

### PIT STOP

#### PIT STOP Heavy Duty Floor Stripper

- Effective on all water-based waxes, finishes and sealers
- Contains no harsh solvents or abrasives
- Non-ammoniated, no harsh ammonia odor
- Designed for mechanical stripping
- Pick up solution using a mop, wet vac, or autoscrubber
- 2.5 gal (48076)

### PS-X<sup>2</sup>

#### PS-X<sup>2</sup> Ultra Power Floor Stripper

- Ultra high actives, for the heaviest finish buildup
- Non-ammoniated, no harsh ammonia odor
- Highly effective in “no scrub” application
- No-rinse formula eliminates flood rinse, saves labor
- VOC compliant at recommended dilutions
- 4x1 gal (13174), 5 gal (13175)

### LAZER EDGE

#### LAZER EDGE Non-Ammoniated Power Stripper

- Aggressive high pH, fast acting emulsifier
- Concentrated solvent & surfactant system
- Non-ammoniated, no harsh ammonia odor
- Requires flood rinse
- Ideal for problem floors
- Not recommended for rubber flooring
- 4x1 gal (13129), 5 gal (13130), 55 gal (13131)

### TAKE DOWN

#### TAKE DOWN Green Low Odor Floor Stripper



- EcoLogo Certified, EarthCare Approved
- Effective on zinc-free & conventional floor finishes
- Fast acting, no-rinse, highly effective
- Non-ammoniated, no harsh ammonia odor
- Non-toxic, non-corrosive, non-butyl, low odor
- 4x1 gal (48054), 5 gal (48055), 55 gal (48057)

### CENTAUR

#### CENTAUR Time & Labor Saving No Rinse Stripper

- Fast acting, emulsifying formula
- Non-ammoniated, no harsh ammonia odor
- No scrub formula, minimum mechanical action required
- No rinse formula eliminates flood rinse, saves labor
- 4x1 gal (13079), 5 gal (13080), 55 gal (13081)

### TAURUS

#### TAURUS Heavy Duty No Rinse Stripper

- Heavy duty emulsifying formula
- Non-butyl formula, improved indoor air quality
- Non-ammoniated, no harsh ammonia odor
- No rinse formula eliminates flood rinse, saves labor
- Scrub, pick up and follow with damp mop
- 4x1 gal (13082), 5 gal (13083), 55 gal (13084)

# Maintenance Program

Product	Clean & Restore	Burnish (dry)	Spray Buff	Frequency
<b>MATRIX ULTRA</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Hog's Hair Poly Tan pad.	Use a 1500+ rpm battery, electric or propane machine with UHS Hog's Hair Poly Tan pad.	Apply SSS Stargate, buff with a 1500 rpm machine and a UHS spray buff 40-D pad.	2 times per week or more depending on traffic level.
<b>STARQUEST</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Hog's Hair Poly Tan pad.	Use a 1500+ rpm battery, electric or propane machine with UHS Hog's Hair Poly Tan pad.	Apply SSS Stargate, buff with a 1500 rpm machine and a UHS spray buff 40-D pad.	2 times per week or more depending on traffic level.
<b>OMEGA 20</b>	Optional: Apply SSS Meteor burnish with a 1500+ rpm machine and a 100-D pad.	Use a 1500 rpm battery or electric machine with a 100-D pad.	Apply SSS Stargate, buff with a 175-300 rpm machine and a Red pad. Or, buff with a 1500 rpm machine and a UHS spray buff 40-D pad.	1 to 2 times per week depending on traffic and desired appearance.
<b>ALPHA 17</b>	Optional: Apply SSS Meteor burnish with a 1500+ rpm machine and a 100-D pad.	Use a 1500 rpm battery or electric machine with a 100-D pad.	Apply SSS Stargate, buff with a 175-300 rpm machine and a Red pad. Or, buff with a 1500 rpm machine and a UHS spray buff 40-D pad.	1 to 2 times per week depending on traffic and desired appearance.
<b>MIRAQUEST PLUS</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Hog's Hair Poly Tan pad.	Use a 1500+ rpm battery, electric or propane machine with UHS Hog's Hair Poly Tan pad.	Apply SSS Stargate, buff with a 1500 rpm machine and a UHS spray buff 40-D pad.	2 times per week or more depending on traffic level.
<b>LEGACY</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Tan 100-D Burnish pad.	Use a 1500+ rpm battery, electric or propane machine with a PT 3000 UHS pad.	Apply SSS Stargate, buff with a 175 rpm machine. Use a SSS 40-D pad.	Once a week depending on traffic and desired appearance.
<b>CHECKERED FLAG</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Tan 100-D Burnish pad.	Use a 1500+ rpm battery, electric or propane machine with a PT 3000 UHS pad.	Apply SSS Stargate, buff with a 175 rpm machine. Use a SSS 40-D pad.	Once a week depending on traffic and desired appearance.
<b>PACER</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Tan 100-D Burnish pad.	Use a 1500+ rpm battery, electric or propane machine with a PT 3000 UHS pad.	Apply SSS Stargate, buff with a 175 rpm machine. Use a SSS 40-D pad.	Once a week depending on traffic and desired appearance.
<b>TURN 4</b>	Apply SSS Meteor, burnish with a 1500+ rpm machine & UHS Tan 100-D Burnish pad.	Use a 1500+ rpm battery, electric or propane machine with a PT 3000 UHS pad.	Apply SSS Stargate, buff with a 175 rpm machine. Use a SSS 40-D pad.	Once a week depending on traffic and desired appearance.

**Cleaning Recommendations:**     *Daily:* Strobe, Compass or Pleascent Neutra Shine     *Heavy:* Blue Thunder     *Scrub & Recoat:* Blue Thunder

# Maintenance Products

Product	pH*	Application	Dilutions
<b>STROBE</b>	7.7	Apply with mop/bucket or auto scrubber: suitable for daily use.	Light - 1:32 Moderate-Heavy - 1:16 - 1:10
<b>PLEASCENT NEUTRA SHINE</b>	7.0	Apply with mop/bucket or auto scrubber: suitable for daily use.	Light - 1:64 Medium - 1:32
<b>COMPASS</b>	4.5	Apply with mop/bucket or auto scrubber: suitable for daily use.	Light - 1:256 Moderate-Heavy - 1:128 (Dilute with Cold Water)
<b>BLUE THUNDER</b>	11.2	Apply with mop/bucket or auto scrubber: suitable for daily use. Scrub & Recoat - 1:20	Light - 1:128 Medium - 1:40 Heavy - 1:20
<b>STARGATE</b>	9.5	Spray on and buff. 1500 rpm equipment: use a UHS spray buff 40-D pad. 175-300 rpm equipment: use Red pad.	Ready-to-use
<b>METEOR</b>	8.0	Apply with mop/bucket or auto scrubber.	Mop/bucket - 1:16 Auto Scrubber - 1:20
<b>PS-X<sup>2</sup></b>	11.8	Apply with mop/bucket. Machine scrub with auto scrubber or floor machine using a stripping pad. Remove residue with wet vac, auto scrubber, or damp mop. Follow pick up with damp mop rinse.	Machine Strip: Light-Medium - 1:18 Heavy - 1:6 No Scrub: Light-Medium - 1:18 Heavy - 1:6
<b>LAZER EDGE</b>	13.0	Apply with mop/bucket. Machine strip with a High Performance Stripping Pad. Remove residue with wet vac, auto scrubber, or damp mop. Flood rinse required.	Machine Strip: Light-Medium - 1:8 Heavy - 1:4 No Scrub: Light-Medium - 1:6 Heavy - 1:3
<b>CENTAUR</b>	11.6	Apply with mop/bucket. Remove residue with wet vac, auto scrubber, or damp mop. Follow pick up with damp mop rinse.	Machine Strip - 1:6 No Scrub: Light-Medium - 1:4 Heavy - 1:2
<b>TAURUS</b>	11.8	Apply with mop/bucket. Machine scrub with auto scrubber or floor machine using a stripping pad. Remove residue with wet vac, auto scrubber, or damp mop. Follow pick up with damp mop rinse.	Medium - 1:5 Heavy - 1:3
<b>TAKE DOWN</b>	10.5	Apply with mop/bucket. Machine strip with a High Performance Stripping Pad. Remove residue with wet vac, auto scrubber, or damp mop. Follow pick up with damp mop rinse.	Machine Strip: Light-Medium - 1:8 Heavy - 1:4
<b>CREW CHIEF</b>	12.5	Apply with mop/bucket. Machine scrub with auto scrubber or floor machine using a stripping pad. Remove residue with wet vac, auto scrubber, or damp mop. Follow pick up with damp mop rinse.	Light - 1:10 Medium - 1:8 Heavy - 1:4
<b>PIT STOP</b>	12.2	Apply with mop/bucket. Machine scrub with auto scrubber or floor machine using a stripping pad. Remove residue with wet vac, auto scrubber, or damp mop. Follow pick up with damp mop rinse.	Light - 1:14 Heavy - 1:3

\*pH of concentrate     *Specifications are subject to change without notice*     \*Cold Water is recommended for use with all Triple S Floor Strippers

Consult the Triple S Technical Data Sheets for additional information. MSDS forms are available at [www.triple-s.com](http://www.triple-s.com).