



MAKING FLOORS
EXTRAORDINARY

20
20

www.pioneereclipse.com

EUROPEAN PRODUCT CATALOG



OF EXCELLENCE & INNOVATION

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42
years

OF EXCELLENCE & INNOVATION

Pioneer Eclipse was founded in 1978 with the introduction of a new propane burnisher technology and compatible floor finishes to the Jan-San industry. Our company continues to be recognized as a leader and innovator in floor care systems, with an emphasis on propane powered equipment, electric and battery powered equipment, innovative floor coatings and cleaning products. We have also developed a comprehensive offering of facility sanitation and hygiene products to compliment facility floor care.

Pioneer Eclipse is located in Sparta, NC where our 33,500 square meter facility houses research and development, machine and chemical manufacturing, and is our primary distribution center. With a sales presence in over 40 countries and a manufacturing capacity of 113 million liters per year of chemicals, we are well positioned to meet any customer need. Pioneer Eclipse is a wholly owned subsidiary of Amano Corporation, a manufacturing conglomerate listed on the Tokyo Stock Exchange.

- Industry leader in propane powered floor machines
- Chemical manufacturing capacity exceeds 113 million liters per year
- Global presence in over 40 countries
- Innovator in concrete grinding and polishing technologies
- Full line of "GREEN" chemical products

See page 16 for the story on our Founder, William H. "Bill" Wilson

CUSTOMER SERVICE

Here at Pioneer Eclipse, we offer world class customer service for all of our customers.

Contact us by calling +1 336-372-8080.

You can also reach us at www.pioneereclipse.com/contact



ENVIRONMENTALLY PREFERRED CLEANING PRODUCTS

A healthy environment is the responsibility of everyone involved with facility maintenance and management. We embrace this responsibility at Pioneer Eclipse by offering environmentally preferred cleaning products that are highly effective while limiting the undesirable effects on people and the environment.

EnviroStar is a full line of chemical floor care and cleaning products without many of the ingredients that typically cause allergic reactions and are proven to negatively impact the environment.

- | | |
|---|------------------------------------|
| NO Zinc-Based Cross Linking Agents | NO 2-Butoxyethanol |
| NO Ethylene Glycol-Based Coalescent Solvents | NO Phosphates In Cleaners |
| NO Bioaccumulative Fluorocarbon Surfactants | NO Ammonia In Cleaners |
| NO VOC's Exceeding Regulatory Limits | NO Flammable Solvents |
| NO Environmentally Toxic Preservatives | NO Non-Recyclable Packaging |
| NO Alkyl Phenol Ethoxylate Surfactants | |

Pioneer Eclipse also produces industry leading environmentally preferred propane powered floor machines. Our proprietary EPS (*Eclipse Power System*) burnishers, grinders and polishers produce a fraction of the harmful byproducts that are emitted by other competitive machines.

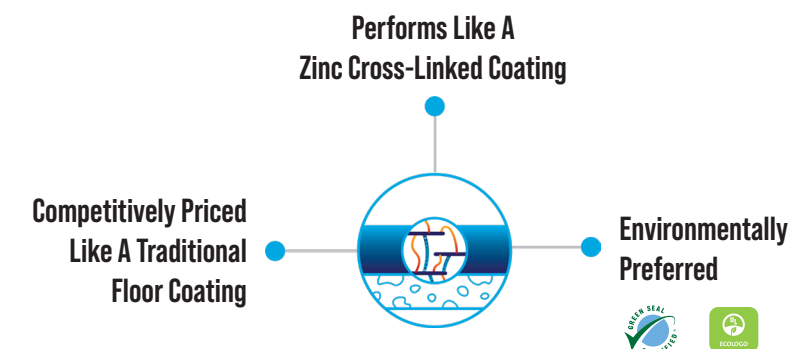
When combining EnviroStar cleaning products with EPS propane powered floor machines, it is easy to see why "green" facility managers from around the world choose the environmentally preferred products of Pioneer Eclipse.



ADVANCING FLOOR COATING TECHNOLOGY

Pioneer Eclipse uses Dualbond™ Technology to overcome the challenges of other "green" floor coatings to produce an exceptionally durable shine that is easy to apply and maintain.

Dualbond™ Technology uses calcium cross-linking with a strong covalent bond to produce a floor coating that performs like a traditional zinc cross-linked coating.



Valor ULTRA HIGH SPEED FLOOR COATING

Dualbond™ Technology is used exclusively in our EnviroStar Valor Ultra High-Speed Floor Coating.

Strong Durable Shine | Scuff & Dirt Resistant | Stain Resistant | Easy Repairs | Easy Removability



FLOOR FINISHES

Specializing in floor care systems, Pioneer Eclipse offers a wide array of acrylic co-polymer blend finishes for all types of resilient floors, stone, terrazzo, marble, and quarry tile. From high gloss, matt, burnishable, non-burnishable coatings for vinyl composition tile to ultra durable hard floor coatings for heavy traffic applications, the experts at Pioneer Eclipse develop coating and cleaning systems based on facility traffic, usage and environment. We understand that no two buildings and properties are the same and we strive to consistently meet every challenge from property managers around the world.

ULTRA HIGH SPEED

OmniGuard
Our Best Selling Finish

- Excellent burnish response
- Repairable wax blend
- High solids

Available Packaging*
141L5

EnviroStar Hard Floor Coating
Environmentally Preferred

- Polyurethane-fortified acrylic co-polymer
- Concrete, stone, and similar hard floor surfaces

Available Packaging*
128MPE

Equinox
High Traffic Durability

- Repairable high gloss shine
- Durable

Available Packaging*
103L5

EnviroStar Valor
Environmentally Preferred

- Performs like conventional finish
- Green Seal & UL EcoLogo Certified

Available Packaging*
146MPE

Diamond Shine
Our Lowest Price Finish

- Repairable high gloss shine
- Our best black heel mark resistance

Available Packaging*
104L5

EnviroStar HS25
Environmentally Preferred

- Premium high solid coating
- Durable, wet-look shine

Available Packaging*
124MPE

SPECIALTY FINISHES

FloorMatte
Ultra Low Sheen

- Highly scuff resistant
- Ideal for no-burnish and Eldercare applications

Available Packaging*
114L5

EnviroStar Satin
Environmentally Preferred

- Highly durable satin coating
- Recommended for health care

Available Packaging*
125MPE

LOW MAINTENANCE

EnviroStar Low Maintenance
Environmentally Preferred

- Highly scuff resistant
- Durable polymer & wax blend
- Zinc free

Available Packaging*
123MPE

StaBrite
Dry Bright Floor Coating

- Highly scuff, scratch, black heel mark resistant
- Resistant to detergent scrubblings

Available Packaging*
130L5

WOOD

WoodStar
High Gloss Wood Floor Finish

- Durable acrylic coating
- No change in color or appearance of floor
- Low odor • Quick dry time

Available Packaging*
High Gloss: 702HGMPE

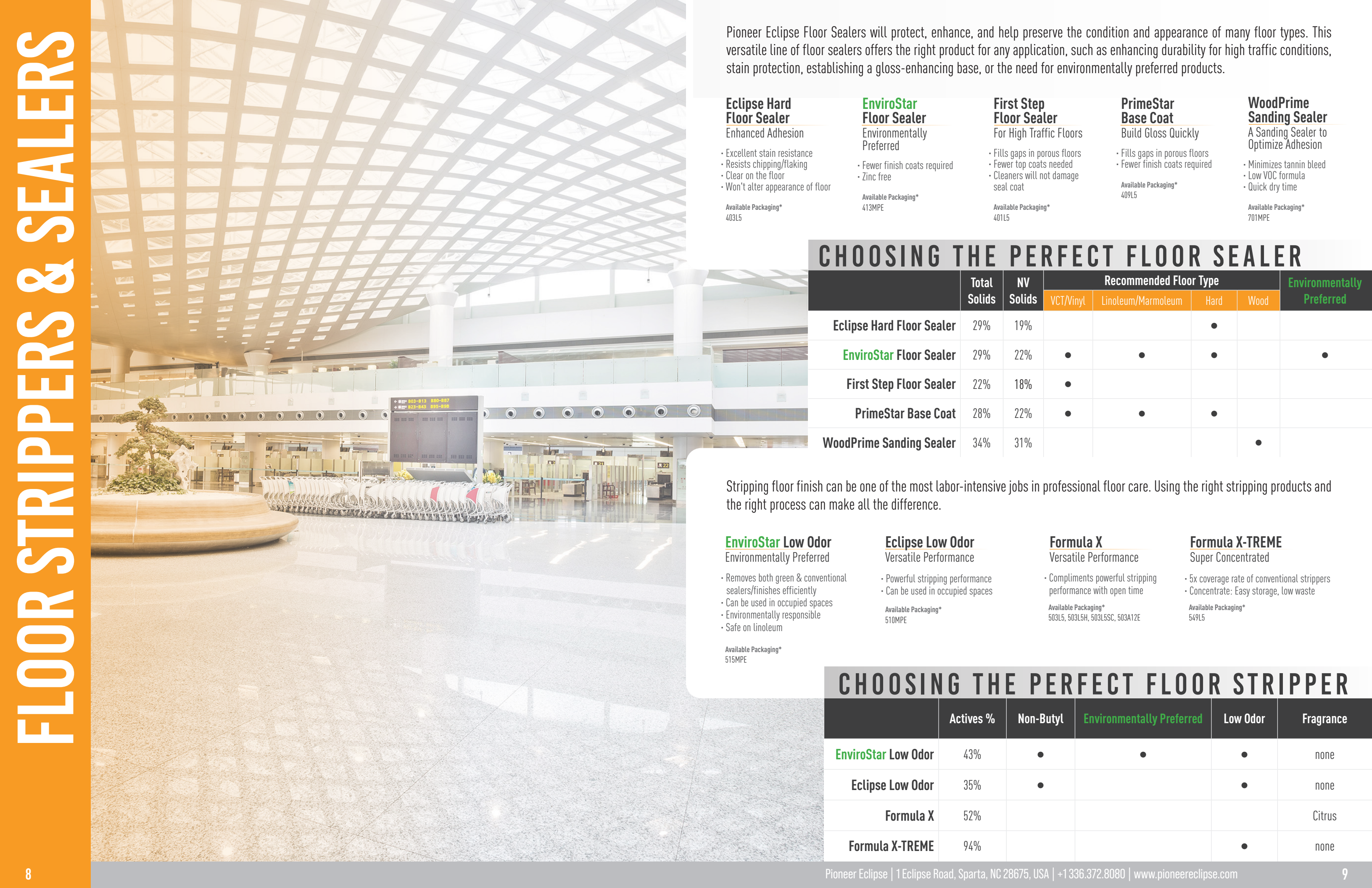
WoodStar Satin
Low Sheen Wood Floor Finish

- Durable acrylic coating
- No change in color or appearance of floor
- Low odor • Quick dry time

Available Packaging*
Satin: 702SMPE

CHOOSING THE PERFECT FLOOR FINISH

		Total Solids	NV Solids	Recommended Floor Type				Environmentally Preferred
				VCT/Vinyl	Hard	Linoleum/Marmoleum	Wood	
ULTRA HIGH SPEED	Diamond Shine	24%	18%	•	•	•		
	Equinox	29%	22%	•	•	•		
	OmniGuard	32%	25%	•	•	•		
	EnviroStar Valor	25%	20%	•	•	•		•
	EnviroStar Hard Floor Coating	22.5%	20%	•	•			•
LOW MAINTENANCE	EnviroStar HS25	27.9%	25%	•		•		•
	EnviroStar Low Maintenance	23%	20%	•	•	•		•
WOOD	StaBrite	25.7%	20%	•	•	•		
	WoodStar	40.1%	31%				•	
SPECIALTY FINISHES	WoodStar Satin	40.1%	31%				•	
	EnviroStar Satin	18.6%	16%	•		•		•
	FloorMatte	22%	16%	•	•	•		



FLOOR STRIPPERS & SEALERS

Pioneer Eclipse Floor Sealers will protect, enhance, and help preserve the condition and appearance of many floor types. This versatile line of floor sealers offers the right product for any application, such as enhancing durability for high traffic conditions, stain protection, establishing a gloss-enhancing base, or the need for environmentally preferred products.

Eclipse Hard Floor Sealer

Enhanced Adhesion

- Excellent stain resistance
- Resists chipping/flaking
- Clear on the floor
- Won't alter appearance of floor

Available Packaging*
403L5

EnviroStar Floor Sealer

Environmentally Preferred

- Fewer finish coats required
- Zinc free

Available Packaging*
413MPE

First Step Floor Sealer

For High Traffic Floors

- Fills gaps in porous floors
- Fewer top coats needed
- Cleaners will not damage seal coat

Available Packaging*
401L5

PrimeStar Base Coat

Build Gloss Quickly

- Fills gaps in porous floors
- Fewer finish coats required

Available Packaging*
409L5

WoodPrime Sanding Sealer

A Sanding Sealer to Optimize Adhesion

- Minimizes tannin bleed
- Low VOC formula
- Quick dry time

Available Packaging*
701MPE

CHOOSING THE PERFECT FLOOR SEALER

	Total Solids	NV Solids	Recommended Floor Type				Environmentally Preferred
			VCT/Vinyl	Linoleum/Marmoleum	Hard	Wood	
Eclipse Hard Floor Sealer	29%	19%			•		
EnviroStar Floor Sealer	29%	22%	•	•	•		•
First Step Floor Sealer	22%	18%	•				
PrimeStar Base Coat	28%	22%	•	•	•		
WoodPrime Sanding Sealer	34%	31%				•	

Stripping floor finish can be one of the most labor-intensive jobs in professional floor care. Using the right stripping products and the right process can make all the difference.

EnviroStar Low Odor

Environmentally Preferred

- Removes both green & conventional sealers/finishes efficiently
- Can be used in occupied spaces
- Environmentally responsible
- Safe on linoleum

Available Packaging*
515MPE

Eclipse Low Odor

Versatile Performance

- Powerful stripping performance
- Can be used in occupied spaces

Available Packaging*
510MPE

Formula X

Versatile Performance

- Compliments powerful stripping performance with open time

Available Packaging*
503L5, 503L5H, 503L5SC, 503A12E

Formula X-TREME

Super Concentrated

- 5x coverage rate of conventional strippers
- Concentrate: Easy storage, low waste

Available Packaging*
549L5

CHOOSING THE PERFECT FLOOR STRIPPER

	Actives %	Non-Butyl	Environmentally Preferred	Low Odor	Fragrance
EnviroStar Low Odor	43%	•	•	•	none
Eclipse Low Odor	35%	•		•	none
Formula X	52%				Citrus
Formula X-TREME	94%			•	none



Pioneer Eclipse's line of Concrete & Terrazzo chemicals are formulated to address every aspect of professional hard floor restoration and maintenance. For densifying, sealing, protecting, and maintaining, this product line offers perfectly matched chemicals for ultimate hard floor care.

HardCore Concrete Densifier Deep Penetrating Densifier

- Deep penetration into surface, reduces porosity to harden surface and increase durability
- Lithium silica & potassium silicate formulation
- Prolongs shine and stain resistance

Available Packaging*
422FSE

LockOut Floor Protector Resists Stains & Enhances Gloss

- Creates a breathable, ultra-hard, water repellent and dust-repelling surface
- Guards against stains
- Can be burnished to a high gloss

Available Packaging*
423FSE

Eclipse Penetrating Sealer Resists Stains & Etching

- Improves cleaning & maintenance effectiveness
- Resists stains & etching
- Keeps natural appearance of floor
- Water & oil repellent

Available Packaging*
426MPE

Eclipse Anti-Slip Makes Floors Less Slippery Especially When Wet



- Maintains natural color & appearance of substrate
- Indoor/Outdoor
- Ready To Use

Available Packaging*
427MPE



Ask about our
Hard Floor Polishing & Restoration
Brochure



WE'VE GOT YOU COVERED
See Grinding / Polishing Machines & Accessories On Page 22



You should find the right cleaner or degreaser for your customer's needs right here. We offer general purpose and environmentally preferred products effective on an extensive array of surfaces.

CLEANERS

Eclipse Neutral Cleaner
All Purpose Floor Cleaner

- Removes oils & grease
- Does not damage floor coating
- Daily use or periodic deep scrubs

Available Packaging*
301L5

NeutraFresh All Purpose Cleaner
All Purpose Cleaner With Lavender Scent

- Penetrating, long lasting fragrance
- Neutral cleaner

Available Packaging*
345MPE

EnviroStar Ultra All Purpose Cleaner
Environmentally Preferred

- Effectively removes dirt and soil
- Super concentrate
- Economical

Available Packaging*
339DD

EnviroStar All Purpose Neutralizer
Environmentally Preferred, Improves Coating Adhesion

- Removes salt film
- Reduces floor alkalinity, improves coating adhesion
- Even coverage

Available Packaging*
338L5

ReBoot Deep Scrub Cleaner
Effective Deep Scrub Floor Cleaner

- Softens topcoat(s) for scrubber removal
- Effective cleaner
- Does not cause yellowing of coating

Available Packaging*
342MPE

DEGREASERS

Eclipse d-Limonene Degreaser
All Purpose Degreaser For All Hard Surfaces

- Powerful degreaser
- Low VOC's
- Low environmental impact
- Orange fragrance

Available Packaging*
314MPE

Eclipse Heavy Duty Degreaser
Rapidly Removes Stubborn Greasy Soils

- Powerful degreasing performance
- Used for degreasing or deep scrubbing
- Sassafras fragrance

Available Packaging*
396L5

CARPET

EnviroStar Extractor & Pre-Spray Cleaner
Environmentally Preferred

- Concentrated cleaner
- Cold water extraction or spray-on application.

Available Packaging*
831MPE

EnviroStar All Purpose Spotter
Environmentally Preferred

- Removes tough stains from carpet and upholstery

Available Packaging*
833MPE

EnviroStar Soil Release Bonnet Buff
Environmentally Preferred

- Concentrated cleaner
- Loosens tough soils from carpet and upholstery

Available Packaging*
835MPE

Eclipse All Purpose Defoamer
Use In Automatic Scrubbers And Carpet Extractors

- Improves solution recovery
- Extends life of vacuum motors

Available Packaging*
804RTU

EnviroStar Extraction Rinse
Environmentally Preferred

- Concentrated neutralizer
- Brightens carpet and upholstery
- Retards re-soiling

Available Packaging*
838MPE

MAINTAINERS

Rebound Floor Cleaner/Enhancer
Daily Cleaner/Enhancer

- Extends the life of the coating
- Enhances burnish response
- Prevents cracks and chips
- Removes dirt and scuffs

Available Packaging*
211L5

EnviroStar Floor Maintainer
Environmentally Preferred Neutral Cleaner

- Concentrated cleaner & maintainer
- Mop-on or automatic scrubber application
- Enhances burnish response

Available Packaging*
213MPE



SOAPS & WASHROOM CLEANERS

Public washroom cleaning is a hugely important part of facility management. Pioneer Eclipse line of washroom cleaning products have been developed with consideration of both safety and effective cleaning performance. Our cleaning products have been formulated for use on all types of washroom surfaces in schools, hospitals, long term care, supermarkets, offices, and public facilities.

CARTRIDGE HAND SOAPS

Touché Foaming Hand & Body Blue
Instant Lather, Gentle On Skin

- Hand & body washing
- Cleans & moisturizes
- Instant lather formula

Available Packaging*
3076L4

Touché Foaming Antibacterial Green
Kills Common Germs, Gentle On Skin

- Hand washing
- Kills common germs
- Foaming formula

Available Packaging*
3078L4

Touché Foaming Alcohol Hand Sanitizer
Kills Harmful Bacteria & Germs

- Hand sanitizer
- 70% Alcohol solution
- No water required

Available Packaging*
3079L4

Touché Foaming Non-Alcohol Hand Sanitizer
Alcohol-Free Solution Won't Dry Skin

- Hand sanitizer
- Kills harmful bacteria & germs
- Foaming formula
- No water required

Available Packaging*
3080L4



Cartridge Hand Soap Dispensers
One-Hand Operation

- Single portion settings
- Large capacity for fewer refills

Pump Hands-Free
MA007100 (White) MA007300 (White)
MA007200 (Black) MA007400 (Black)

WASHROOM CLEANERS

EnviroStar Mild-Acid Washroom Cleaner
Powerful, Mild-Acid Cleaner

- Environmentally Preferred
- Effective cleaner on all surfaces
- 2,5 pH

Available Packaging*
333MPE

EnviroStar Non-Acid Washroom Cleaner
Powerful, Non-Acid Cleaner

- Environmentally Preferred
- Effective cleaner on all surfaces

Available Packaging*
334MPE

EnviroStar Peroxide Cleaner
Environmentally Preferred Cleaner For Odor Elimination



- Powerful peroxide formula
- Excellent for all washable surfaces
- Eliminates surface odors

Available Packaging*
335MPE

NeutraZene Malodor Counteractant
Quickly Eliminates The Source Of Organic Odors

- Encapsulates and neutralizes the source of odors
- Floral fragrance

Available Packaging*
325MPE

Eclipse Aurora HB Germicidal Disinfectant
Broad Spectrum Disinfectant Cleaner & Deodorizer

- Broad spectrum germicidal, kills Hepatitis B
- Effective against SARS-COV-2
- Fungicide, mildewstat, virucide
- Deodorizes

Available Packaging*
605MPE

Eclipse Glass Cleaner
Non-Ammonia, Non-Butyl Cleaner

- Cleans glass, mirrors, tile, metal surfaces
- Non-streaking, no residue
- Available in concentrate & RTU

Available Packaging*
352L5, 352RT6

Eclipse Washroom Cleaner
Mild Acid Cleaner For All Washroom Surfaces

- Cleans urinals, toilets, sinks, tile
- Fresh floral fragrance

Available Packaging*
353L5

StarShine Steel Cleaner & Polish
Stainless Steel Cleaner

- Cleans & restores luster
- Leaves tarnish-resistant protective coating
- Oil-based aerosol

Available Packaging*
319A12E

Eclipse Toilet Bowl Cleaner
Cleans & Deodorizes In One Step

- Ready to use
- Removes and prevents calcium deposits

Available Packaging*
351Q12, 351Q12H

WILLIAM H. "BILL" WILSON INVENTED "SHINEOLOGY"

when he was 27 years old. And not long after that he built this company around it.

He founded Pioneer Eclipse in 1978 with the introduction of a new high-speed propane powered burnisher, along with a new acrylic polymer floor coating that complimented the gloss potential of high-speed buffing. Using a new, more powerful propane powered engine, he engineered a machine to spin the buffing pad at 2,000 RPM. Bill then formulated Total Eclipse, a durable floor finish that when buffed at high speed produced the highest gloss level of vinyl floors at the time. He dubbed this new combination of machine, chemical, and process as "shineology", and it remains the ultimate goal in floor care today.



Bill Wilson was noted throughout the floor care industry around the world as a leading innovator. He was gifted with an unparalleled drive for excellence at any task he took on, whether it was cleaning floors at night as a teenager or engineering a burnisher to make those floors look perfect.



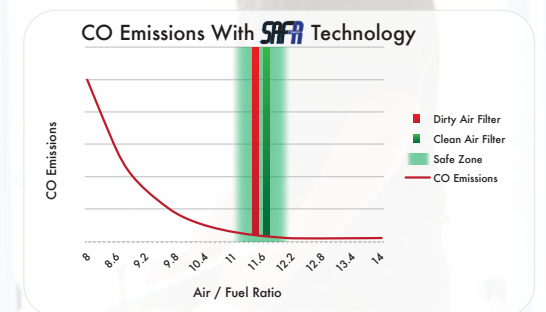
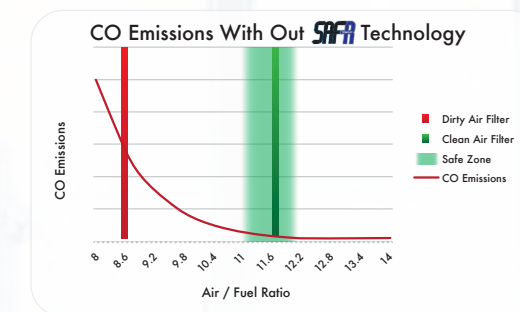
Pioneer Eclipse continues that drive for Excellence & Innovation today as we serve the floor care and janitorial industry world-wide. We are the world leaders in propane powered floor care machines, and we intend to continue our founder's legacy of "shineology" far into the future.



BUILDING THE SAFEST PROPANE POWERED FLOOR MACHINES FOR OVER 40 YEARS!

Pioneer Eclipse has been producing the industry's safest propane powered floor care machines for over 40 years. We were the first to introduce Safe-Fill cylinders, catalyzed mufflers, emissions monitoring systems, and proprietary carburation.

To go even further and provide the highest level of protection we developed **SAFR™ Technology**. The SAFR (*Steady Air Fuel Ratio*) Technology system monitors the pressure between the air filter and the carburetor. As the air filter becomes dirty, the pressure decreases. With **SAFR™ Technology**, this change in pressure results in a reduction in fuel delivered to the engine. The net result is a Steady Air Fuel Ratio no matter the air filter condition.



Regardless of your application or the model of machine you use, you can rest assured your Pioneer Eclipse propane powered machine is well equipped to keep your operators safe.

Pioneer Eclipse Propane Safety Features:

- ✓ SAFR Technology
- ✓ EcoSense Emissions Monitoring
- ✓ SafeStop Smart Fuel Monitor
- ✓ Proprietary Carburation & Valve System Reduces CO Output
- ✓ 3-way Catalytic Muffler Reduces CO, NOx, and HC
- ✓ Optimized Fuel Metering
- ✓ Safe-Fill Propane Fuel Cylinders
- ✓ Operator Presence Automatic Shutoff System

BURNISHERS

Pioneer Eclipse engineers and manufactures a diverse line of burnishers that include ultra high speed (UHS) battery burnishers, corded electric burnishers, and propane powered UHS burnishers.

Pioneer Eclipse propane powered machines have set the industry bar for over 40 years. These machines feature powerful 18HP industrial engines converted to propane gas operation with our proprietary **Eclipse Power System (EPS) technology**. This technology allows these machines to consume less fuel and require less maintenance than any other machines in this class.

- 34% Less Fuel Consumed
- 5 Times Longer Oil Change Intervals

All of Pioneer Eclipse’s propane machines come equipped with SAFR technology to keep CO levels low in all operating conditions, and offer optional EcoSense and SafeSense emissions monitoring systems.

If you have experienced inconsistent results with battery powered burnishers, then you haven’t used Pioneer Eclipse line of machines. SteadyOne™ technology is built into every Pioneer Eclipse battery burnisher, automatically adjusting head pressure to changing floor conditions and changing pad condition, producing consistent results every time.



▶ Propane Burnishers



▶ Battery Burnishers

PROPANE FLOOR BURNISHERS



420BU
Upgraded burnisher with features designed to meet the needs of demanding professionals.

Pad Size	Pad Speed	Weight
21" (53 cm)	2000 rpm	215 lbs (97 kg)
24" (61 cm)	1800 rpm	221 lbs (100 kg)
28" (71 cm)	1700 rpm	234 lbs (106 kg)
40" (2 x 53 cm)	1850 rpm	340 lbs (154 kg)



440BU
A fully optioned premium burnisher to satisfy discerning floor care professionals.

- “Operator Presence” automatic shutdown safety feature
- Advanced operator ergonomics

Pad Size	Pad Speed	Weight
21" (53 cm)	2000 rpm	242 lbs (97 kg)
24" (61 cm)	1800 rpm	248 lbs (100 kg)
28" (71 cm)	1500 rpm	262 lbs (119 kg)

CHOOSING THE RIGHT PROPANE BURNISHER

	Pad Size				Clutch	Passive Vacuum	Metal Skirt	Heavy Duty Casters	Premium Pad Holder	Low Maintenance Filter	Motor Housing	Emissions Monitoring	Catalytic Muffler	CE Certified
	21"	24"	28"	40"										
420BU	•	•	•	•	•	+	•	•	•			+	•	•
440BU	•	•	•		•	•	•	•	•	•	•	•	•	•



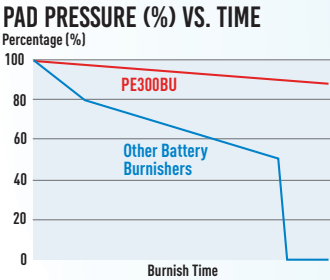
225BU
A solid and durable electric burnisher available with dust control.

- Performance: 15,000 ft²/hr (1380 m²/hr)
- No slip, micro-V belt drive transmission
- Pad speed 1,500 rpm

Pad Size	Dust Control	Pad Speed	Weight
20" (51 cm)	Y	1500 rpm	76 lbs (35 kg)

Why Choose The 300BU Battery Burnisher:

- Up To 39% Lower Operating Cost Than Leading Competitor*
- Maintains Industry Leading 88% Consistent Pad Pressure
- Tightest Turning Radius Among Leading Competitors
- Up To 3 Hours Run Time



300BU
Ultra high speed battery burnisher with best-in-class performance and cost of operation.

- Performance: up to 35,000 ft²/hr (3200 m²/hr)
- Three 12V, 228 AH batteries
- Quiet: 68 db (A)
- Auto adjusting pad pressure for consistent burnishing

Pad Size	Pad Speed (No Load)	Pad Speed (Load)	Weight
20" (56 cm)	2200 rpm	1500 rpm	600 lbs (118 kg)
24" (66 cm)	2200 rpm	1500 rpm	610 lbs (123 kg)
27"/28" (69/71 cm)	2200 rpm	1500 rpm	660 lbs (299 kg)

* Based on 300BU2728 comparing machine cost, battery replacement, and service cost over 5 year period

FLOOR MAINTENANCE MACHINES

Polishing, scrubbing, stripping, carpet cleaning... Large schools and malls, offices, environmentally sensitive spaces... Pioneer Eclipse offers floor maintenance machines for every floor type.

Our corded electric rotary machines provide versatile function and efficiency for smaller spaces and spot repairs. Our automatic scrubber comes standard with traction drive and easy control throttle for simple and reliable walk-behind productivity. When it comes to stripping large areas on a tight schedule, our propane powered machine removes finishes faster than any other machine on the market.



▶ instructional video

STRIPPING MACHINES



250ST

A **high speed orbital** electric machine for tough strip or scrub applications.

- Performance: 2850 orbits per minute
- 12 in x 18 in pad
- 2.5 Gallon (9 liter) solution tank

Pad Size	Pad Speed	Weight
12"x18" (30.5 x 45.8 cm)	2850 opm	125 lbs (57 kg)



440ST

This highly productive stripping machine **removes finishes faster** than any other machine on the market.

- Dual counter-rotating drivers
- Quick-change pads and brushes
- Simple and easy operation

Pad Size	Pad Speed	Weight
30" (76 cm)	325 rpm	365 lbs (166 kg)
38" (96 cm)		435 lbs (197 kg)

AUTOSCRUBBER



310AS Auto Scrubber

A simple and reliable walk-behind automatic scrubber.

- Performance: 18,800 ft²/hr (1750 m²/hr)
- Two 12V, 150 AH batteries
- Traction drive with hand throttle
- 12 Gallon (45 liter) solution tank
- 12 Gallon (45 liter) recovery tank
- Pad size: 20 in (50 cm)

ROTARY FLOOR MACHINES



225FP

Corded electric floor machine delivers high torque for consistent polishing.

- Performance: Triple Planetary Drive
 - 17 in: 6,000 ft²/hr (557 m²/hr)
 - 20 in: 7,000 ft²/hr (650 m²/hr)

Pad Size	Pad Speed	Weight
17" (43 cm)	175 rpm	91 lbs (41 kg)
20" (51 cm)	175 rpm	95 lbs (43 kg)

GRINDERS & POLISHERS



▶ instructional video

Pioneer Eclipse's line of grinding & polishing machines offers solutions for a wide range of restorative and maintenance procedures. Electric or propane powered, all of these machines come standard with onboard solution tanks and accept a variety of pad and diamond disc driver plates.

The propane powered machines are powered by industry leading engines equipped with EcoSense emissions monitoring as well as SAFR Technology to keep CO levels low in all operating conditions. These powerful 18HP industrial engines have been converted to propane gas operation with our proprietary **Eclipse Power System (EPS) technology**. This technology allows these machines to consume less fuel and require less maintenance than any other machines in this class.



225GP

A Multi-Purpose Hard Floor Machine for **polishing, stripping, sanding, and coating removal.**

Floor Types: All hard floors, including wood

- Performance: 6,000 ft²/hr (557 m²/hr)
- 17 in (43 cm) Triple planetary gear drive
- 2-Speed, 1.5 HP motor
- Driver speed 175 or 300 rpm
- 2.5 Gallon (9 liter) no-spill solution tank
- Dust containment port for dry applications
- Splash/Dust skirt for wet applications

Driver Size	Pad Speed	Weight
17" (43 cm)	175/300 rpm	95 lbs (43 kg)



420GPHD

A heavy-duty propane powered machine for **grinding, polishing, and burnishing.**

Floor Types: Concrete, terrazzo, marble

- Performance: 18HP EPS™ engine
 - Grinding/Polishing: 11,000 ft²/hr (1022 m²/hr)
 - Burnishing: 25,000 ft²/hr (2322 m²/hr)
- Pad Pressure: 85lb (38kg) – 180lb (82kg)
- 7 Gallon (26.5 liter) on board water supply
- RokBak™ deck for easy diamond and pad installation
- Dust containment port for dry applications

Driver Size	Pad Speed	Weight
21" (53 cm)	Polishing: 1000 rpm Burnishing: 1500 rpm	380 lbs (172 kg)



450GP

A multi-purpose propane powered machine for **grinding, polishing, and burnishing.**

Floor Types: Concrete, terrazzo, marble

- Performance: 18HP EPS™ engine
 - Grinding/Polishing: 6,000 ft²/hr (557 m²/hr)
 - Burnishing: 18,000 ft²/hr (1672 m²/hr)
- Pad Pressure: 200lb (91kg) – 500lb (227kg)
- 9 Gallon (34 liter) on board water supply
- RokBak™ deck for easy diamond and pad installation

Driver Size	Pad Speed	Weight
2x17" (2 x 43 cm)	Grinding: 210 rpm Polishing: 420 rpm	880 lbs (399 kg)



WE'VE GOT YOU COVERED
See Diamonds, Pads, & Brushes On Page 26



WE'VE GOT YOU COVERED
See Concrete Chemical Products On Page 11



20" Strip Brush
BA012800
use with 440ST38

STRIPPERS

Part #	Description	Applicable Machines
BA013000	16" Strip Brush	440ST30
BA013500	16" Tufted Pad Holder	440ST30
BA012800	20" Strip Brush	440ST38
BA013700	20" Tufted Pad Holder	440ST38

CORDED FLOOR MACHINES

Part #	Description	Applicable Machines
460908	Brush Asm Polish 16"	225FP17, 225GP
51705A	Brush Polypro Scrub 16"	225FP17, 225GP
460918	Brush Asm Stl Wire 16"	225FP17, 225GP
56383926	Tool-Mastic Removal-16	225FP17, 225GP
56383930	Tool-Conc Prep-25 Grit-16	225FP17, 225GP
460215	16" Sanding Adapter	225GP16, 225GP
53158A	16" Perma-Grip Driver Pad	225FP17, 225GP
37008A	16" Super Grip Pad Driver	225FP17, 225GP
37007A	Pad Driver - 15 Supergrip	225FP17, 225GP
MP481100	17" Pad Holder	225FP17, 225GP
10242A	17" Pad Driver	225FP17, 225GP
51499A	Brush Nylon Carpet 17"	225FP17, 225GP
500212	Adapter Asm Grinding 17"	225GP
30638A	17" Pad Driver	225FP17, 225GP
MP522800	17" Mal-Grit Xtra Brush	225FP17, 225GP
SA031600	HydraSand	225GP
50866A	19" Pad Driver	225FP20
53156A	19" Perma-Grip Pad Driver	225FP20
37011A	19" Super Grip Pad Driver	225FP20
56383936	Tool-Mastic Removal-19"	225FP20
56383937	Tool-Conc Prep-25 Grit-19"	225FP20
MP478400	20" Pad Holder	225FP20
51707A	Brush Polypro Scrub 20	225FP20
MP254800	20" Nylon Carpet Brush	225FP20
51707A	20" Polypro Scrub Brush	225FP20
MP522900	20" Mal-Grit Xtra Brush	225FP20, FM2000



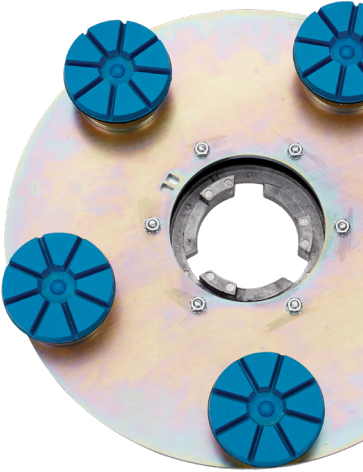
17" Hex Multi-Face Diamond Driver Head
MP442000
use with 450GP



HydraSand
SA031600
use with 225GP

GRINDERS & POLISHERS

Part #	Description	Applicable Machines
SA031900	HydraShine	225GP
MP178800	17" Tufted Pad Holder	450GP
MP179100	17" Mal-Grit Xtra Brush	450GP
MP442000	17" Hex Multi-Face Diamond Driver Head	450GP
MP406700	83mm Hex Multi-Face Diamond Holder Assembly	420GPHD, 450GP
MP309200	83mm Diamond Holder	420GPHD, 450GP
MP446300	21" 420GP Pad Holder	420GPHD
MP392600	21" Level-S Adapter Pad	420GPHD
MP463200	21" Diamond Driver	420GPHD



HydraShine
SA031900
use with 225GP

PROPANE BURNISHERS

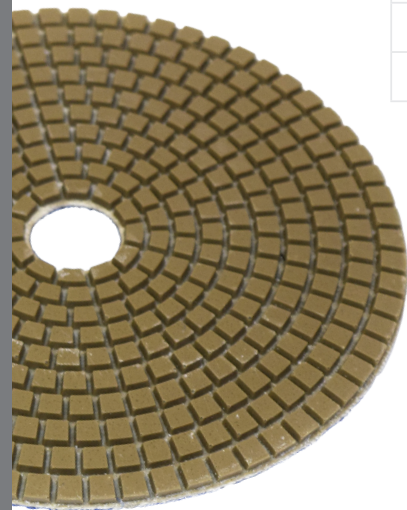
Part #	Description	Applicable Machines
MP032500	28" Premium Pad Holder	420BU28 & 440BU28
MP047500	24" Premium Pad Holder	420BU24 & 440BU24
MP095200	21" Premium Pad Holder	420BU21 & 440BU21
MP269400	21" Hi-Flex Pad Holder	400BU21 & 420BU40
MP351200	28" Hi-Flex Pad Holder	400BU28
MP8505	Pad Retainer	420BU21 & 440BU21
MP012700	Pad Retainer, (screw)	420BU24-28 & 440BU24-28

BATTERY BURNISHERS

Part #	Description	Applicable Machines
MP414000	20" Pad Holder	300BU20
MP435000	24" Pad Holder	300BU24
MP529400	27"/28" Pad Holder	300BU2728
MP432400	Pad Retainer	300BU

SCRUBBER

Part #	Description	Applicable Machines
SZ033	20" Scrub Brush, Nylon	310AS
TS037	20" Pad Holder	310AS



Disc, 5", Polish 3
DP311P3K

5" POWERPOLISH CONCRETE & TERRAZZO DIAMONDS

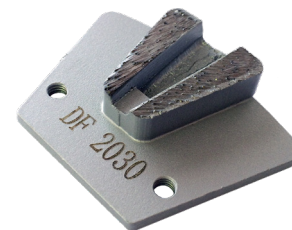
Part #	Description	Use
DP311REK	Disc, 5", Repair, Kit (10 Discs)	Wet
DP311PRK	Disc, 5", Prep, Kit (10 Discs)	Wet
DP311P1K	Disc, 5", Polish 1, Kit (10 Discs)	Wet
DP311P2K	Disc, 5", Polish 2, Kit (10 Discs)	Wet
DP311P3K	Disc, 5", Polish 3, Kit (10 Discs)	Wet
DP311P4K	Disc, 5", Polish 4, Kit (10 Discs)	Wet
DP311APK	Disc, 5", Adapter Pad, Kit (20 Discs)	Wet



83mm Resin Dry
DP330050 - DP333500

3" / 83MM POWERPOLISH CONCRETE & TERRAZZO DIAMONDS

Part #	Description	Use
DP320030	83mm Semi Metal Wet/Dry 0030 Grit	Wet/Dry
DP320050	83mm Semi Metal Wet/Dry 0050 Grit	Wet/Dry
DP320100	83mm Semi Metal Wet/Dry 0100 Grit	Wet/Dry
DP320200	83mm Semi Metal Wet/Dry	Wet/Dry
DP330050	83mm Resin Dry 0050 Grit	Dry
DP330100	83mm Resin Dry 0100 Grit	Dry
DP330200	83mm Resin Dry 0200 Grit	Dry
DP330400	83mm Resin Dry 0400 Grit	Dry
DP330800	83mm Resin Dry 0800 Grit Lux	Dry
DP331800	83mm Resin Dry 1800 Grit Lux	Dry
DP333500	83mm Resin Dry 3500 Grit Lux	Dry
DP360050	83mm Resin Wet 0050 Grit	Wet
DP360100	83mm Resin Wet 0100 Grit	Wet
DP360200	83mm Resin Wet 0200 Grit	Wet
DP360400	83mm Resin Wet 0400 Grit	Wet
DP360800	83mm Resin Wet 0800 Grit	Wet
DP361800	83mm Resin Wet 1800 Grit	Wet
DP363500	83mm Resin Wet 3500 Grit	Wet
DP390016	83mm Metal 5 Segment 16 Grit	Wet/Dry
DP390030	83mm Metal 10 Segment 30 Grit	Wet/Dry
DP390070	83mm Metal 10 Segment 70 Grit	Wet/Dry
DP390120	83mm Metal 10 Segment 120 Grit	Wet/Dry
DP401030	Diamond Segment 30 Grit, Deerfoot	Wet/Dry
DP501040	Diamond Segment 40 Grit, Deerfoot	Wet/Dry



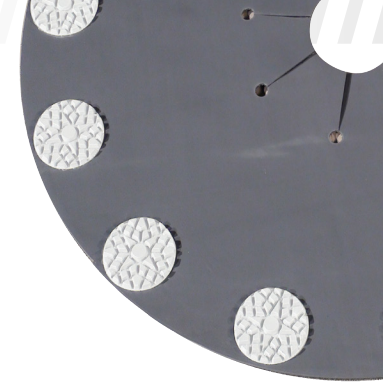
Diamond Segment 30 Grit, Deerfoot
DP401030

POWERPOLISH LEVEL-S CONCRETE & TERRAZZO DISCS

Part #	Description	Pad Size
MP392600	Level-S Adapter Pad30	21"
PDGPSM170030	30 Semi-Metal (LIME)	17"
PDGPSM210030		21"
PDGPSM170050	50 Semi-Metal (GREEN)	17"
PDGPSM210050		21"
PDGPSM170100	100 Semi-Metal (BLACK)	17"
PDGPSM210100		21"
PDGPSM170200	200 Semi-Metal (RED)	17"
PDGPSM210200		21"
PDGPSM170400	400 Semi-Metal (MUSTARD)	17"
PDGPSM210400		21"
PDGPRES170400	400 Resin (YELLOW)	17"
PDGPRES210400		21"
PDGPRES170800	800 Resin (BLACK)	17"
PDGPRES210800		21"
PDGPRES171800	1800 Resin (BLUE)	17"
PDGPRES211800		21"
PDGPRES173000	3000 Resin (GRAY)	17"
PDGPRES213000		21"

POWERPOLISH LEVEL-S CONCRETE & TERRAZZO PADS

Part #	Description	Pad Size	Use
PDL170220	220 Impregnated Pad	17"	Wet/Dry
PDL210220		21"	Wet/Dry
PDL170400	400 Impregnated Pad	17"	Wet/Dry
PDL210400		21"	Wet/Dry
PDL170800	800 Impregnated Pad (TAN)	17"	Wet/Dry
PDL210800		21"	Wet/Dry
PDL171800	1800 Impregnated Pad (TAN)	17"	Wet/Dry
PDL211800		21"	Wet/Dry
PDL173000	3000 Impregnated Pad (TAN)	17"	Wet/Dry
PDL213000		21"	Wet/Dry
PDL17FP	FP Final Polish Impregnated Pad (WHITE)	17"	Wet/Dry
PDL21FP		21"	Wet/Dry



3000 Resin (GRAY)
PDGPRES213000



3000 Impregnated Pad (TAN)
PDL173000



UHS BURNISHING PADS

Part #	Description	Pad Size
PDBB06016	Blue Blend Burnishing Pads	16"
PDBB06017	Blue Blend Burnishing Pads	17"
PDBB06019	Blue Blend Burnishing Pads	19"
PDBB06020	Blue Blend Burnishing Pads	20"
PDBB06021	Blue Blend Burnishing Pads	21"
PDBB06024	Blue Blend Burnishing Pads	24"
PDBB06027	Blue Blend Burnishing Pads	27"
PDBB06028	Blue Blend Burnishing Pads	28"
PDNP02016	Natural Poly Blend Burnishing Pads	16"
PDNP02017	Natural Poly Blend Burnishing Pads	17"
PDNP02019	Natural Poly Blend Burnishing Pads	19"
PDNP02020	Natural Poly Blend Burnishing Pads	20"
PDNP02021	Natural Poly Blend Burnishing Pads	21"
PDNP02024	Natural Poly Blend Burnishing Pads	24"
PDNP02028	Natural Poly Blend Burnishing Pads	28"
PD3LWL17	White Lightning Pads	17"
PD3LWL19	White Lightning Pads	19"
PD3LWL20	White Lightning Pads	20"
PD3LWL21	White Lightning Pads	21"
PD3LWL24	White Lightning Pads	24"
PD3LWL28	White Lightning Pads	28"

CLEANING PADS CLEANING PADS

Part #	Description	Pad Size
PDLC03010	Light Cleaning Pads	10"
PDLC03011	Light Cleaning Pads	11"
PDLC03012	Light Cleaning Pads	12"
PDLC03013	Light Cleaning Pads	13"
PDLC03014	Light Cleaning Pads	14"
PDLC03015	Light Cleaning Pads	15"
PDLC03016	Light Cleaning Pads	16"
PDLC03017	Light Cleaning Pads	17"
PDLC03018	Light Cleaning Pads	18"
PDLC03019	Light Cleaning Pads	19"
PDLC03020	Light Cleaning Pads	20"
PDLC03021	Light Cleaning Pads	21"
PD3LLC1218	Light Cleaning Pads	12" x 18"

SPECIALTY BURNISHING PADS

Part #	Description	Pad Size
PDPP2100	Power Polish Pads	21"
PDPP2400	Power Polish Pads	24"
PDPP2800	Power Polish Pads	28"



Cleaning Pads

SANDING SCREENS

Part #	Description	Grit	Pad Size
SCR06017	Sand Screens	60	17"
SCR08017	Sand Screens	80	17"
SCR10017	Sand Screens	100	17"
SCR12017	Sand Screens	120	17"
SCR18017	Sand Screens	80	17"
SCR22017	Sand Screens	220	17"
SCR06020	Sand Screens	60	20"
SCR08020	Sand Screens	80	20"
SCR10020	Sand Screens	100	20"
SCR12020	Sand Screens	120	20"
SCR18020	Sand Screens	80	20"
SCR22020	Sand Screens	220	20"

STRIPPING PADS

Part #	Description	Pad Size
PDST05006	Black Stripping Pads	6"
PDST05011	Black Stripping Pads	11"
PDST05012	Black Stripping Pads	12"
PDST05013	Black Stripping Pads	13"
PDST05014	Black Stripping Pads	14"
PDST05016	Black Stripping Pads	16"
PDST05017	Black Stripping Pads	17"
PDST05018	Black Stripping Pads	18"
PDST05019	Black Stripping Pads	19"
PDST05020	Black Stripping Pads	20"
PD3LST1218	Black Stripping Pads	12" x 18"
PDSS09013	Super Strip Pads	13"
PDSS09014	Super Strip Pads	14"
PDSS09015	Super Strip Pads	15"
PDSS09016	Super Strip Pads	16"
PDSS09017	Super Strip Pads	17"
PDSS09018	Super Strip Pads	18"
PDSS09020	Super Strip Pads	20"
PD3LFP1218	Floor Preparation Pads	12" x 18"



Super Strip Pads

MOP ACCESSORIES

Part #	Description	Pad Size
MA001000	Super Flat Finish Mop	18"
MA000900	Super Flat Finish Mop	24"
MA001500	Quick-Change Flat Finish Mop Frames	18"
MA001600	Quick-Change Flat Finish Mop Frames	24"
MA065600	Quick-Change Swivel Snap Flat Finish Mop Handles	16"

SCRUBBING PADS

Part #	Description	Pad Size
PD3LDS12	Deep Scrubbing Pads	12"
PD3LDS13	Deep Scrubbing Pads	13"
PD3LDS14	Deep Scrubbing Pads	14"
PD3LDS15	Deep Scrubbing Pads	15"
PD3LDS16	Deep Scrubbing Pads	16"
PD3LDS17	Deep Scrubbing Pads	17"
PD3LDS18	Deep Scrubbing Pads	18"
PD3LDS19	Deep Scrubbing Pads	19"
PD3LDS20	Deep Scrubbing Pads	20"
PD3LDS1218	Deep Scrubbing Pads	12" x 18"



Deep Scrubbing Pads



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