ENVIRO Solutions®

Clean, Safe Facilities

FLOOR CARE
PROGRAM

Complete resource guide
for total floor care solutions

When it comes to floor care, you need a program that works with your specific facility and market segment.

Floor Care Challenges:

- Slip and fall prevention
- Employee training
- Time
- High cost of maintaining
- Floors impact first impression

Enviro-Solutions® Floor Care Program Ensures:

- Worker and occupant health and safety
- Expert training and support
- Impressive floors with less labor
- Ease of application and simplified maintenance
- Innovative, safer and proven products

Labor accounts for 90% of floor maintenance costs

EDUCATION | BSC | RETAIL | HEALTHCARE | FOOD SERVICE | HOSPITALITY | RECREATION

Maintenance Cycle of Floor Care Programs

Proper floor care maintenance is the key to ensuring safe, clean floors and prolongs the life of the floor. Follow these recommended maintenance elements matched with the proper products for impressive floors in all market segments.

01 PRE-ROUTINE

Proper outdoor maintenance to reduce the soils being tracked into facilities will impact floor maintenance significantly. Given that 80% of soil in a facility is brought in by foot, one could significantly reduce the level of soil by incorporating outdoor grounds cleaning and matting programs. Matting programs alone will reduce the soil entering by approximately 66%.

02 ROUTINE

Routine maintenance promotes attractive and impressive daily floor appearance by ensuring the floor surface is free of soils and debris. Elimination of these soils reduce the risk of premature failure of floor coatings, enhance the visual appearance of the floor and reduce potential slip & falls. Routine maintenance is the least costly, is relatively quick to do, lowering labor costs.

03 INTERIM

Interim maintenance is required when soils are embedded in the floor surface, discoloration and scratches likely appear. Spray buffing and burnishing effectively repair the top layer of the surface preventing darkening and wear patterns, prolong the floor coating, improve traction to prevent risk of slip and fall incidents.

04 PARTIAL RESTORATIVE

Top scrub and re-coat are encouraged when the interim maintenance is no longer sufficient. Partial restorative maintenance will prevent deep stripping and re-finishing. By removing the top layers of the floor surface with imperfections and applying a few coats of finish, this extends the life of the coating and maintains a clean, shiny and safe floor.

05 COMPLETE RESTORATIVE

Complete restorative is necessary as a last resort when Interim and Partial Restorative maintenance are not effective. Deep stripping, prepping and finishing are required at this level and is the most costly process demanding the highest level for both product and labor. Following the recommended maintenance elements will prolong the requirement of complete restorative.

ROUTINE

CLEANERS

ES84 NEUTRAL FLOOR CLEANER

- HIGH QUALITY CLEANING PERFORMANCE
- DAILY OR FREQUENT MAINTENANCE
- LIFTS DIRT OUT - LEAVES THE SHINE
- NO RINSING
- CONTAINS ENVIROCIDE

ES84-CS	2 x 1.25 US Gal.
ES84-4	4 x 1 US Gal.
ES84-18	5 US Gal.

ES83 HAZE AWAY FLOOR CLEANER

- REMOVES ICE MELT WHITE FILM
- DEMINERALIZES SALT DEPOSITS
- REDUCES SLIP & FALL HAZARDS
- WORKS ON CARPETS, MATTING & FLOORS
- UL CERTIFIED

ES83-CS	2 x 1.25 US Gal.
ES83-4	4 x 1 US Gal.
ES83-18	5 US Gal.

ES72 MULTI-PURPOSE CLEANER

- POWER OF HYDROGEN PEROXIDE
- PERFORMS WELL IN COOL WATER
- CLEANS AND DEODORIZES IN ONE STEP
- MULTIPLE APPLICATIONS BASED ON THE DILUTION USED

ES72-1S	4 x 0.52 US Gal.
ES72-CS	2 x 1.25 US Gal.
ES72-4	4 x 1 US Gal.

DISINFECTANTS

ES64H NEUTRAL DISINFECTANT

- GENERAL PURPOSE
- NO-RINSE, NO NPE'S
- NON-ALKALINE
- NEUTRAL pH CLEANER
- DISINFECTS, CLEANS & DEODORIZES

ES64H-1S	4 x 0.52 US Gal.
ES64H-CS	2 x 1.25 US Gal.
ES64H-4	4 x 1 US Gal.

NEW ES364 NEUTRAL DISINFECTANT

- 5 MINUTE DWELL TIME
- NEUTRAL pH CLEANER
- NOROVIRUS KILL CLAIM
- BROAD SPECTRUM CLAIMS FOR MANY ANTIBIOTIC RESISTANT BACTERIA

ES364-1S	4 x 0.52 US Gal.
ES364-CS	2 x 1.25 US Gal.
ES364-4	4 x 1 US Gal.

LEGEND

- Ecologo Program
- UL Classified
- Safer Choice: Meets U.S. EPA Safer Product Standards
- Bio-Renewable - U.S.D.A. Bio-Preferred Program

INTERIM

NEW ES86+ SPRAY BUFF

- ENHANCES GLOSS
- REMOVES BLACK MARKS & REPAIRS SCRATCHES
- IMPROVES FOOT TRACTION
- PROLONGS LIFE OF FLOOR CARE PROGRAM
- CAN BE SPRAY BUFFED OR BURNISHED

ES86+-6 6 x 1 US Qt.

ES94+ BURNISHING CREAM

- REBUILDS SPECTACULAR GLOSS
- REMOVES BLACK MARKS & SCUFFS
- INSTANTLY IMPROVES FOOT TRACTION
- PROLONGS LIFE OF FLOOR PROGRAM
- FOR USE WHEN BURNISHING

ES94+-6 6 x 16 FL. OZ.

NEW ES95+ TRACTION/RESTORATION

- SUPERIOR DEEP CLEAN
- INSTANTLY IMPROVES FOOT TRACTION
- ENHANCES GLOSS
- PROLONGS LIFE OF FLOOR PROGRAM
- FOR USE WITH AUTO SCRUBBER OR DAMP MOPPING

ES95+-4 4 x 1 US Gal.

PARTIAL RESTORATIVE

ES91 DEEP SCRUB

- FLOOR FINISH LIFE EXTENDER
- LIGHT SCRUB/RECOAT
- REMOVES DAMAGED & DULL TOP COATS WITHOUT STRIPPING AWAY THE COMPLETE FLOOR FINISH SURFACE
- SUSTAINABLE IMPROVEMENT

ES91-4 4 x 1 US Gal.

Make the best impression with a safe resilient floor care program designed for schools and universities, retail, healthcare facilities, and building service contractors. From scrub and recoat to daily burnishing, you'll get results that will make you successful and your patrons impressed with the cleanliness of your floors.

COMPLETE RESTORATIVE

STRIPPERS

ES90 CLEAN CUT FLOOR STRIPPER

- LEAST EXPENSIVE CHOICE AT RTU DILUTION
- HIGHLY ACTIVE CONCENTRATED STRIPPER
- FAST ACTING, EASY TO USE
- ECONOMICAL
- VERY LOW ODOR

ES90-CS	2 x 1.25 US Gal.
ES90-6	6 x 1 US Qt.
ES90-18	5 US Gal.

ES85 SCRUB FREE FLOOR STRIPPER

- EFFECTIVELY & EFFORTLESSLY PENETRATES & REMOVES MULTIPLE COATS OF FLOOR FINISHES WITH LIGHT MACHINE SCRUBBING
- LOW ODOR
- EASILY REMOVES 3-5 COATS AT ONE TIME

ES85-4	4 x 1 US Gal.
ES85-18	5 US Gal.

IMPORTANT TIPS WHEN STRIPPING FLOORS

Always mix the product to the exact manufacturer's instructions and recommended dilutions

- Mixing more product when preparing strippers has a negative impact on the end result
- Mixing too much stripper product is likely to leave a heavy residue. The result is a white powdery film and residue, which can take up to 2-3 clear rinses or neutralizer to remove
- Overuse wastes product

Cool water is recommended for use with Enviro-Solutions® strippers, never hot water

- This allows for a longer dwell time before dry back occurs
- Reduces the overall odor throughout the facility
- Minimizes the concerns of the occupants in the building with sensitive respiratory systems

COMPLETE RESTORATIVE

SEALERS

ES82 BARRICADE SEALER/FINISH

- IDEAL FOR SCRUB & RECOAT
- EXCELLENT DURABILITY
- ACRYLIC BLEND OF POLYMERS
- RESISTS THE PENETRATION OF OVER 30 COMMON STAINING & SOILING AGENTS

ES82-4 4 x 1 US Gal.
ES82-18 5 US Gal.

ES89 CONCRETE SEALER

- ALL ACRYLIC BASED
- USE ON CONCRETE, TERRAZZO, OTHER MASONRY FLOORS & WALLS
- FAST DRYING WITH LOW ODOR
- NO YELLOWING
- EASY APPLICATION

ES89-18 5 US Gal.

ES99 IMPREGNATOR SEALER

- WATER BASED DESIGN TO PROTECT AGAINST WATER & OIL BASED STAINS ON GROUTED SURFACES
- MAY BE USED ON CERAMIC TILE, TERRAZO & CONCRETE FLOORS
- ALSO CAN BE USED TO JUST SEAL THE GROUT

ES99-4 4 x 1 US Gal.

Did you know that beginning any floor refinishing job with a sealer will cost you less per coat, and can prolong the life of your floor finish by up to 300%?

LEGEND

Ecologo Program

UL Classified

SQUARE FOOT COVERAGE

Enviro-Solutions® Floor Sealer Coverage

Product	Initial Coat on Bare Floor	Initial Coat over Sealer	Additional Coats
ES99	1000-1500 sq.ft. per gal	1500-2000 sq.ft. per gal	2000-2500 sq.ft. per gal
ES89	1000-1500 sq.ft. per gal	1500-2000 sq.ft. per gal	2000-2500 sq.ft. per gal
ES82	1000-1500 sq.ft. per gal	1500-2000 sq.ft. per gal	2000-2500 sq.ft. per gal

CALCULATORS

LENGTH X WIDTH

= SQUARE FOOTAGE

TOTAL SQ. FT.

/ 1000 SQ. FT. PER 1 US. Gal.

DILUTION RATIOS

Concentrate to Water

1:4	32 ounces per gallon	**1:20**	6 ounces per gallon	**1:128**	1 ounce per gallon
1:8	16 ounces per gallon	**1:26**	5 ounces per gallon	**1:200**	2/3 of an ounce per gallon
1:10	13 ounces per gallon	**1:30**	4 ounces per gallon	**1:256**	1/2 of an ounce per gallon
1:12	11 ounces per gallon	**1:40**	3 ounces per gallon	**1:512**	1/4 of an ounce per gallon
1:16	8 ounces per gallon	**1:64**	2 ounces per gallon		

COMPLETE RESTORATIVE FINISHES

ES98 GREEN CERTIFIED FINISH

- FOR DAY AFTER DAY SUPER HIGH TRAFFIC & HIGH GLOSS FLOORS
- VERY DURABLE, HIGH GLOSS
- RESPONDS TO UHS BURNISHING OR BUFFING

ES98-4 — 4 x 1 US Gal.
ES98-18 — 5 US Gal.

ES96 HIGH TRACTION FLOOR FINISH

- SPECIFICALLY DESIGNED FOR HIGH TRAFFIC & HIGH GLOSS FLOORS
- DURABLE, STAIN & BLACK HEEL MARK RESISTANT
- DESIGNED FOR UHS BURNISHING SYSTEM

ES96-4 — 4 x 1 US Gal.
ES96-18 — 5 US Gal.

NEW ES18 GREEN & BRITE FLOOR FINISH

- GREEN CERTIFIED
- 18% SOLIDS
- BLACK MARK/SCUFF RESISTANT
- RESISTANT
- EVERYDAY PERFORMANCE

ES18-4 — 4 x 1 US Gal.
ES18-18 — 5 US Gal.

SQUARE FOOT COVERAGE

Enviro-Solutions® Floor Finish Coverage

Product	Market Segment Use	Initial Coat on Bare Floor	Initial Coat on Sealer	Additional Coats
ES98	Education Healthcare	1000 -1500 sq.ft. per gal	1500 -2000 sq.ft. per gal	2000 -2500 sq.ft. per gal
ES96	Education Healthcare Property Management	1000 -1500 sq.ft. per gal	1500 -2000 sq.ft. per gal	2000 -2500 sq.ft. per gal
ES18	Retail	1000 -1500 sq.ft. per gal	1500 -2000 sq.ft. per gal	2000 -2500 sq.ft. per gal

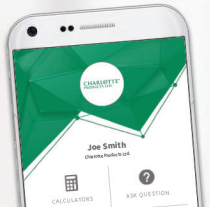
VINYL COMPOSITION TILE (VCT) FLOOR CARE PRODUCTS

Enviro-Solutions® Floor Sealers

Product	Base	Solids	Coats	Strippable	Scrubbable	Burnishable	Program
ES89	Acrylic	25%	2	Yes	Yes	Yes	High Speed
ES82	Acrylic	17%	2	Yes	Yes	No	Low Speed

Enviro-Solutions® Floor Finishes

Product	Base	Solids	Coats	Strippable	Scrubbable	Burnishable	Program
ES98	Acrylic	22%	3	Yes	Yes	Yes	High Speed
ES96	Acrylic	23%	3	Yes	Yes	Yes	High Speed
ES18	Acrylic	18%	3-4	Yes	Yes	Spray Buff	Low Speed



Need product information at your fingertips?

Download the FREE Charlotte App

Available on the App Store

Get it on Google play

SPECIALTY

LEGEND

- Ecologo Program
- UL Classified
- Bio-Renewable - U.S.D.A. Bio-Preferred Program
- Seal of Approval Carpet & Rug Institute

STATIC GUARD CLEANER

- SPECIFICALLY DESIGNED TO BE USED WITH ANTI-STATIC FLOOR FINISH
- INCREASES THE FLOOR STATIC DISSIPATIVE SURFACE AFTER IT HAS DRIED
- EASY TO USE, NO RINSING REQUIRED

STATIC-4	4 x 1 US Gal.

ANTI-STAT FLOOR FINISH

- DESIGNED TO CARRY OFF STATIC CHARGES IN AN INSTANT
- PROVIDES A STATIC DISSIPATIVE FLOOR SURFACE WITH A CLEAR GLOSS FINISH
- CAN BE APPLIED OVER VCT FLOORS OR CONCRETE (USE BLOCKADE CONCRETE SEALER FIRST)

ANTI-STAT-4	4 x 1 US Gal.
ANTI-STAT-18	5 US Gal.

Today's electronic equipment can be very sensitive to static electricity. Low levels can cause permanent damage and loss of valuable data information. We recommend using our ANTI-STAT Finish along with our STATIC GUARD Cleaner on a regular basis to protect your investment.

DOWNLOAD THE FREE CHARLOTTE APP

Get it on Google play

Available on the App Store

CARPET CARE

ES87 EXTRACTION/BONNET CLEANER

- BREAKS DOWN EMBEDDED SOILS
- NO STICKY RESIDUE LEFT BEHIND
- CONTAINS ENVIROCIDE ODOR ELIMINATOR
- CAN BE USED AS A BONNET CLEANER

ES87-4 4 x 1 US Gal.

ES88 STAIN & SPOT REMOVER

- READY TO USE
- CONCENTRATED STAIN REMOVER & PRE-SPRAY
- PENETRATES & DISSOLVES MOST STAINS & SOILS ON CARPETS & SOILED LAUNDRY
- GREAT FOR OILS, INKS & GENERAL SOILS

ES88-6 6 x 1 US Qt.

ES92+ H_2O_2 SPOT REMOVER

- READY TO USE
- HEAVY DUTY
- GREAT FOR PET SPOTS, COFFEE, TEA, RED WINE, MARKER, CONDIMENTS, JUICE, OIL, ETC.
- CRI SEAL OF APPROVAL

ES92+-6 6 x 1 US Qt.

ES93+ ENCAPSULATION CLEANER

- CONVERTS SOILS TO A POWDER, REMOVING EXCESS MOISTURE
- DRIES TO A FRIABLE RESIDUE THAT GRADUALLY BREAKS DOWN TO A PRACTICALLY INVISIBLE POWDER
- LEAVES NO STICKY RESIDUE
- EXTENDS THE TIME BETWEEN CLEANS
- DRIES QUICKLY

ES93+-4 4 x 1 US Gal.

Developing a specific carpet care program for your facility will:

- Prolong the life of your carpeting
- Improve employee wellness by reducing the amount of airborne allergens in the air
- Provide a better overall look and fresh smelling atmosphere

THE MAINTENANCE CYCLE OF CARPET CARE

ROUTINE MAINTENANCE

Vacuuming frequently or any time there is visible debris, and addressing spills or spots before they become stains with ES88 Stain & Spot Remover or ES92+ H2O2 Spot Remover, depending on the type of soil.

INTERIM MAINTENANCE

Before they become permanent stains, spot spills with ES88 Stain & Spot Remover or ES92+ H2O2 Spot. Remove according to directions, extracting with a carpet spotter.

LIGHT RESTORATIVE MAINTENANCE

Pre-treating entrances and other high traffic areas with ES92+ H2O2 Spot Remover, followed by extraction using diluted ES87 Extraction/Bonnet Cleaner or ES93+ Encapsulation Cleaner in the solution tank.

RESTORATIVE MAINTENANCE

Pre-treating all areas with ES92+ H2O2 Spot Remover, followed by extraction using diluted ES87 Extraction/Bonnet Cleaner or ES93+ Encapsulation Cleaner in the solution tank. We recommend this on a quarterly basis.

WOOD/GYMNASIUM FLOOR CARE PROGRAM

SAFE HIGH TRACTION FLOOR SURFACE

QUICKLY RESPONDS TO BURNISHING

EASY FOR MOST ANY CLEANING PROFESSIONAL TO APPLY

COST EFFECTIVE PROGRAM

WORKS WITH TRADITIONAL EQUIPMENT

Proven Effective Water-Based Wood Floor Care Program

PROVEN
Water-based formula

SAFER
Addresses slip & fall risks
Low VOC's, low odor

LABOR SAVING
Easy application processes

Wood floors are often the "showcase" of any facility. Good looking, shiny floors convey a positive image to the public, patrons and employees using the facility. A proven maintenance system will enhance a floor's natural beauty and protect your substantial investment. When determining a wood floor system, consider the Enviro-Solutions® Wood Floor Care Program. Since most wood floors can be brought back to "like-new condition" with a simple deep scrub and recoat process, this eliminates the mess and time-consuming need for sanding, re-stripping lines and applying multiple coats of sealer and finish. Our system allows you to have your floors dry in 90+ minutes and cured/ready for use as soon as 24 hours.

IT'S A UNIQUELY RESTORABLE METHOD UNLIKE TRADITIONAL WOOD/GYMNASIUM FLOOR RECOATING METHODS THAT:

"Provides labor cost savings and fits any budget"

WOOD/GYMNASIUM FLOOR CARE PROGRAM

ES30 PREP

- DEEP CLEANS AND PREPARES PRIOR TO RECOATING
- REMOVES EMBEDDED DIRT, BLACK MARKS AND OTHER SOILS
- LEAVES FLOOR UNIFORMLY DULL & READY FOR APPLICATION OF ES32 WOOD FINISH

ES30-4 4 x 1 US Gal.

ES31 CLEAN

- MILD pH CLEANER FOR MEDIUM TO HEAVILY SOILED FLOORS
- LOW-FOAMING, FREE-RINSING
- WILL NOT DULL YOUR WOOD FLOOR, EVEN WHEN USED WITH AN AUTOMATIC SCRUBBER
- QUICKLY EMULSIFIES ICE MELTER RESIDUE & OTHER SOILS THAT GIVE YOUR WOOD FLOOR A DULL APPEARANCE

ES31-4 4 x 1 US Gal.

ES32 WOOD FINISH

- ONE-PART, URETHANE ACRYLIC, HIGH SOLIDS, HIGH GLOSS WOOD FINISH
- SAFER - VOC COMPLIANT
- FASTER - 90+ MINUTE DRY-TIME, 24 HOUR CURE-TIME
- BETTER COVERAGE - SPREAD RATE OF UP TO 800 SQ. FT. PER 3.78 L

ES32-4 4 x 1 US Gal.
ES32-18 5 US Gal.

LEGEND

Safer Choice: Meets U.S. EPA Safer Product Standards

Seal of Approval Carpet & Rug Institute

Product	Type	Form	Odor	Color	Weight/ Gal.	pH	Storage Stability	Freeze Thaw	Dilution
ES30 PREP	Detergent/ Solvent Blend	Clear Liquid	Citrus	Orange	6.61 lbs.	12-13	Min. 3 yrs.	Do Not Freeze	1:128
ES31 CLEAN	Synthetic Detergent	Clear Liquid	None	Clear	8.69 lbs.	9.5-10.5	Min. 3 yrs.	Passes 3 cycles	1:128
ES32 WOOD FINISH	Urethane/ Acrylic Blend	Opaque Blend	Mild Acrylic	Off White	8.65 lbs.	8-9	3 yrs., unopened	Passes 3 cycles	RTU

Periodic Cleaning and Maintenance

- Dust mop floor frequently to remove dirt and soil to help reduce damage
- Clean with ES31 Clean diluted at variable
- 1:128 depending on level of soil using auto scrubber and red pads; allow to dry
- If increased traction is required, clean with ES95+ Restoration using auto scrubber or damp mop
- Let floor dry completely, but do not rinse
- To restore gloss or repair scuffs, buff or burnish with the appropriate pad and machine
- For ultimate high gloss appearance burnishing with hair pads using Enviro-Solutions® ES94+ is recommended

Deep Cleaning/Preparation

- Dust mop floor and remove all gum and labels
- Apply ES30 Prep diluted at 1:128 (30 mL (1 oz.) per 3.78 L) to deep clean and remove embedded dirt, black marks and other soils
- Simple damp mop rinse; allow to dry
- Using a weighted T Bar apply a thin even coat following the grain of the wood using ES32 Wood Finish
- Allow approximately 1-2 hours between coats
- Apply 2nd coat
- If necessary scrub coats if grain raising occurs or if it has dried longer than 24 hours

ADDITIONAL COMPLIMENTARY PRODUCTS

NEW ES95+ TRACTION/RESTORATION

- SUPERIOR DEEP CLEAN
- INSTANTLY IMPROVES FOOT TRACTION
- ENHANCES GLOSS
- PROLONGS LIFE OF FLOOR PROGRAM
- FOR USE WITH AUTO SCRUBBER OR DAMP MOPPING

ES95+-4 4 x 1 US Gal.

ES94+ BURNISHING CREAM

- REBUILDS SPECTACULAR GLOSS
- REMOVES BLACK MARKS & SCUFFS
- INSTANTLY IMPROVES FOOT TRACTION
- PROLONGS LIFE OF FLOOR PROGRAM

ES94+-6 16 FL. OZ.

ES93+ ENCAPSULATION CLEANER

- EFFECTIVE RUBBER/SPORTS FLOOR CLEANER
- CONVERTS SOILS TO A POWDER
- DRIES TO A FRIABLE RESIDUE THAT GRADUALLY BREAKS DOWN TO AN INVISIBLE POWDER
- LEAVES NO STICKY RESIDUE
- EXTENDS THE TIME BETWEEN CLEANS, DRIES QUICKLY

ES93+-4 4 x 1 US Gal.

Why Enviro-Solutions®?

- Proven Simplified Solutions
- Proven Product High Performance
- Proven More Environmentally Sound
- Proven Safer for People
- Proven Competitive to the Major Brands

ENVIRO Solutions®

CHARLOTTE™ PRODUCTS LTD.

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