

**K'ARCHER**

# PDIR: CLEANING SMARTER.

Our innovative and efficient cleaning program for hotels and hospitality saves you time, money, chemical and the environment.

PROFESSIONAL | HOSPITALITY

# REIMAGINE HOW YOU CLEAN WITH OUR PDIR+™ PROCESS.

The PDIR+™ Process is born out of years of industry research into how soils accumulate inside of a building and the best practices for managing them.

An effective cleaning program begins with an understanding of how soils and contaminants are brought into the facility, their effect on the surfaces and inhabitants of the facility, and how to best utilize your resources in a strategic fashion to manage them.

**PDIR+ is focused on creating a clean, healthy environment for the people who live, work, heal, and study in your facility.** By following the PDIR+™ Process, you should be able to meet this goal and potentially find additional capacity to clean.



**80-  
94%  
OF SOIL  
TRACKED INTO  
A FACILITY IS  
BROUGHT IN BY  
FOOT TRAFFIC**



# PDIR+™

A study attributed to the ISSA showed that **1000 people** entering a facility for 20 days track in **24 lbs** of soil

**PREVENTATIVE**  
**DAILY**  
**INTERIM**  
**RESTORATIVE**

On average, it costs **\$700 per pound** to remove the soil once it is in your facility

Within the first 6 feet, **as few as 1500 people** walking across a finished floor can remove **42% of the floor finish**

## A BETTER WAY TO CLEAN

PDIR+™ is a more strategic approach to cleaning that focuses your efforts on the frontlines of the battle to keep your facility clean and potentially protect occupants from harmful viruses. By eliminating the over-cleaning that happens in some facilities and focusing those wasted efforts on smarter, more productive tasks, you will save time, money, labor and chemical.

Outside pollutants are constantly trying to invade your clean and healthy indoor environment. These pollutants can have a harmful effect on your people, assets and resources. The goal of our PDIR+™ Program is to reduce the impact of the outside pollutants in the most efficient and environmentally friendly way possible.

Preventing soils from entering the facility is the most cost effective, yet most often overlooked cleaning function. Taking an outside-in approach begins where soils originate—exterior areas including parking garages and sidewalks to prevent people from tracking the dirt into your facility. Preventative cleaning uses less labor and chemical, reducing overall cost.

While it's difficult to prevent viruses and bacteria from entering the facility due to human interaction with surfaces, by applying disinfectants to surfaces, you're taking a precautionary step in protecting the health of the people entering the facility.

PDIR+™ utilizes the best practices, the right equipment, and the right amount of the ideal chemical for the job. Upon implementing this program, you will achieve the best results at the lowest possible cost and minimize your impact on the environment. It is important that you use equipment that maximizes your productivity and choose detergents that minimize your environmental impact. Finally, be sure to measure your detergents and use the correct amount—many people use too much under the false assumption that more chemical equals cleaner.

## WHAT IS PDIR+™?

PDIR+™ is a process we developed to help you rethink your cleaning program as a guideline to help you save money and be more environmentally friendly at the same time. PDIR+™ is an acronym that represents the four different cleaning functions: **Preventative, Daily, Interim and Restorative**. The outcome of this process is to help you focus on the most effective and cost-efficient cleaning functions to get the most bang for your buck. Implementing this program in your facility will improve its appearance and should allow you to extend the life of your flooring.



# CLEANING SMARTER

## FLOOR CARE MAINTENANCE BUDGET ALLOCATION

One of the key concepts of the PDIR+™ Program is to focus more of your efforts on the cost-effective preventative, daily and interim cleaning functions to limit the amount of time spent on the costly restorative stage. The goal is not to eliminate the restorative cleaning; that will always be necessary. PDIR+™ simply reduces the frequency at which restorative cleaning is required, saving you time, money, labor and chemical.



### P PREVENTATIVE

The goal of preventative maintenance, is to stop the soil from entering your facility. It is cheaper and easier to do so in this stage of the process. If we could keep all soil outdoors, we would need little cleaning indoors.

**Process:** For preventative maintenance sweep and pressure wash your sidewalks and entryways. Studies have shown that implementing this process can reduce the amount of soil tracked into your facility by 66%.

**Equipment:** Use sweepers, pressure washers and exterior and interior matting. Be sure to use matting that is large enough to perform the job.

Preventative maintenance is very green and it requires little to no chemical.

### D DAILY

The purpose of daily maintenance is to quickly remove the soils that have entered your facility to minimize the damage to your assets and extend the life of your floors. Disinfection should also occur regularly based on the disinfection zones in your facility.

**Process:** Daily maintenance is performed by vacuuming, carpet spotting, scrubbing hard floors, touchless restroom cleaning, and disinfection.

**Equipment:** Use upright vacuums, carpet spotters, scrubbers, touchless restroom cleaners, and misters for application of disinfectants.

No chemicals are needed for vacuuming. Use Green Seal approved neutral floor cleaners for scrubbing, and CRI approved chemicals for carpet spotting. Use Vital Oxide for disinfection.

PREVENTATIVE	DAILY	INTERIM	RESTORATIVE
<b>Process:</b> Stopping the soils from entering the facility through removal or containment.	<b>Process:</b> Removing soil daily to minimize damage to carpet and hard floor finish, while applying disinfectants to touch points.	<b>Process:</b> Maintaining a high level of appearance with minimal labor, chemical and water.	<b>Process:</b> Intensive cleaning designed to restore the carpet or finish as close as possible to its original state.
TYPICAL    ¢	\$\$\$	¢	\$\$\$\$\$    100%
RECOMMENDED    \$\$	\$\$\$\$	\$\$	\$    90%

**LOW** LABOR, OVERALL COST, CHEMICAL USAGE - GREENER



LABOR, OVERALL COST, CHEMICAL USAGE - LESS GREEN **HIGH**



## I INTERIM

The goal of interim maintenance is to maintain a clean, consistent appearance with less water, labor, and detergent. A program that is focused on interim maintenance reduces the frequency at which restorative work is required.

**Process:** Use encapsulation cleaning and spotting to restore your carpets back to a "like new" appearance and be open for traffic in as few as 20 minutes. For hard floors, burnishing is the first step in interim maintenance followed by a periodic top-scrub and recoat to brighten your floors with less time, labor and detergent.

**Equipment:** Use an interim carpet maintenance machine such as the iCapsol, Armada or any of our line of DUO extractors in interim mode for carpet. Burnishers can quickly restore the gloss to the floor. Orbital and cylindrical scrubbers are the ideal machines for performing a top-scrub on hard floors.

Low-moisture encapsulation is required for carpet. When recoating your hard floors, choose an environmentally friendly floor finish.

## R RESTORATIVE

Regardless of the process you implement for your floor care, there will come a time when you will need to execute restorative work. Only restorative cleaning will bring your floors back to a true "like new" state.

**Process:** For soft floors, utilize a pre-spray and a neutralizing rinse while doing a deep carpet extraction. To deep clean your hard floors, completely strip your floors and then recoat them.

Use CRI approved carpet chemicals for soft floors and Green Seal approved floor stripper and finish for hard floors.

### THE GREENEST THING YOU CAN DO IS CLEAN PROPERLY

Construct a cleaning program that incorporates process, equipment, and accessories, and you will end up with a program that achieves the true objectives of green cleaning – preserve human health and environmental quality.

## PREVENTATIVE



EB 30/1  
Radius Mini



KM 70/20 C  
Radius Manual



KM 70/30 C Bp Adv  
Radius 280 Deluxe



KM 75/40 W Bp  
Radius 300



Teton Series



HD Gas Series



HDS Hand Truck



CVS 65/1 Bp



KM 85/50 R Bp



Jarvis Series



JALAPAO SERIES



HDS P Cage



HDS Cage

## DAILY

### Hard Floor



Ranger Vacuum



BVL 5/1 bp



BV 11/1  
Vac Pac 6 & 10



BDP Series



BDP Propane



BDP 50/2000 W



Chariot™ 2 iGloss 20



Chariot™ 2 iScrub 20  
Deluxe with ORB



BD 50/50 C Classic BP



BDS 43/DUO C



BR 30/4 C  
Saber Blade 12



BR 40/10 C Adv  
Saber Blade 16



BR 35/12 C



NT Series  
Recover Series



B 40 C/W



Chariot™ 3 iScrub 26 SP



Chariot™ 3 iScrub 26



Chariot™ 2 iScrub 20



B 80 W



Chariot™ 2 iScrub 22 SP



Chariot™ 2 iScrub 20  
Deluxe



B 150 R



B 250 R



SG 4/4



Chariot™ 3 CV 86/1  
RS Bp



Chariot™ 2 iVac 24 ATV



PS 4/7 Bp

### Soft Floor



Ranger Vacuum



Versamatic



Sensor 5



Sensor XP



CVU HEPA  
Sensor 52 HEPA



BVL 5/1 bp



BV 11/1  
Vac Pac 6 & 10



T 12/1  
Trek Vac 3



NT Series  
Recover Series



BRC 30/15 C  
Mini Pro



Presto 3



SG 4/4



Puzzi B/1 C



Puzzi 10/1 Adv



NuWave



CVS 65/1 Bp



Chariot™ 2 iVac 24 ATV



Chariot™ 3 CV 86/1  
RS Bp



Chariot CV 60/1  
RS BP Deluxe



ECO! T11 Bp  
CartVac



BDS 43/DUO C



PS 4/7 Bp

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**INTERIM**

**RESTORATIVE**



BDP Series



BDP 51/2000 C  
Lightning 2000



BDP 50/2000 W



Chariot™ 2 iGloss 20



AB 84 CUL  
Wind Handler 3



BDS Series  
Bolt Series



NT Series  
Recover Series



BDS 43/200 C



Titan 20



BDP Propane



BDP Propane



SG1 C Bp Adv



BDS 43/200 C



BR 40/10 C Adv  
Saber Blade 16



SG 4/4



BR 40/10 C Adv  
Saber Blade 16



AP 100/50 M  
Compass 2



SG1 C Bp Adv



Chariot™ 3  
iScrub 26 SP



Chariot™ 2  
iScrub 22 SP



Chariot™ 2 iScrub 20  
Deluxe with ORB



B 80 W



Commodore DUO



Chariot™ 3 iExtract 26 DUO



Armada BRC 40/22 C



Clipper DUO



Admiral 8



Armada BRC 40/22 C



Puzzi 30/4



Commodore DUO



AB 84 CUL  
Wind Handler 3



BRC 30/15 C



iCapsol Mini  
iCapsol Mini Deluxe



BDS 43/200 C



SG1 C Bp Adv



BRC 46/76 E  
Commodore 20



Cadet 7



BDS 43/200 C



Clipper DUO



Chariot™ 3 iExtract  
26 DUO



Clipper 12



Puzzi 50/14 E  
Puzzi 50/35 C



SG 4/4



AP 100/50 M  
Compass 2



Titan 20



NT Series  
Recover Series



SG1 C Bp Adv

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