KÄRCHER



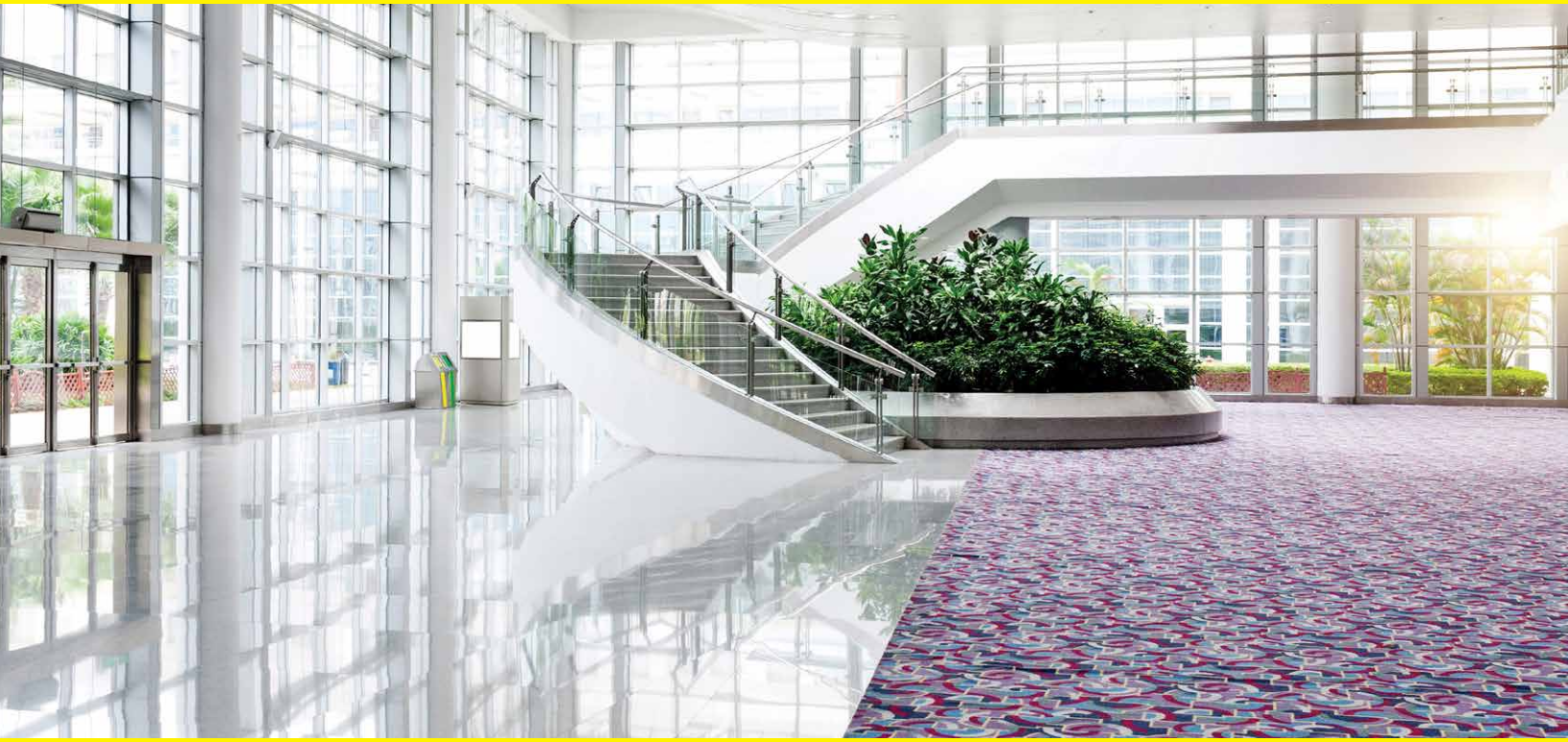
DETERGENT FOR EVERY STEP IN THE PDIR+™ FLOOR CARE PLAN

Our PDIR+ process saves you time, money and chemical, and helps to improve the health of your building's occupants.

PDIR+™ KÄRCHER FLOOR CARE DETERGENTS = EFFECTIVE CLEANING

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 and incorporating Kärcher's detergents with faster acting and more efficient chemistry, you'll use less product – saving you both time and money. Kärcher's detergent solutions prepare you to maintain and tackle any floor or surface cleaning task in your PDIR+™ plan.



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.

	PREVENTATIVE	DAILY	INTERIM	RESTORATIVE
	Process: Stopping the soils from entering the facility through removal or containment.	**Process:** Removing soil daily to minimize damage to carpet and hard floor finish, while applying disinfectants to touch points.	**Process:** Maintaining a high level of appearance with minimal labor, chemical and water.	**Process:** 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**

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.

Use Vital Oxide for disinfection. No chemicals are needed for vacuuming.



Red Carpet Pro Spotter

Professional ready-to-use all-purpose water-based spotting agent is specifically formulated for safety and ease of use, and can be used on almost all synthetic and natural fiber carpets, area rugs, upholstery, and fine fabrics. The gentle but powerful mixture of cleaning ingredients remove a wide variety of common spots and spills found in residential and professional cleaning environments.

	Order no.	Size	pH	Color	Scent	Dilution	Foam	Hardness 1-5	Phosphate Free	Kosher Approved / Certified
Red Carpet Pro Spotter	8.695-222.0	12 x 1 qt case	7.1	clear	No added fragrance	1:1	medium	5	■	■

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. Clean commercial kitchens from bottom to top using an alkaline cleanser to eliminate grease and bacteria. Kitchen floors are especially tricky with non-slip displacement tiles. Using a roller machine is optimal for cleaning this type of floor. Restrooms must be cleaned thoroughly daily with the toilet being the focus. Cleaning all hard surfaces, sinks, mirrors, floors and toilet with a mild acidic detergent is ideal.

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. The Kärcher AP 100/50 M multi-purpose facility cleaner is the preferred machine to use with Compass cleaners.



Compass Clean

Professional grade alkaline formula for hard surface cleaning. Degreases and cleans hard surfaces found in commercial and institutional food service and kitchens. Quickly removes grease and grime, proteins, fats and food related stains. Ideal for stainless steel, glass, ceramic, terrazzo, and porcelain. Safe for use on tile and fixtures.

Compass Shine

Professional grade mild acid formula for hard surface cleaning in commercial bathroom and restroom settings. Ideal for sinks, faucets, counter tops, walls, floors, toilet bowls and urinals. Quickly eliminates soap scum and residue, mineral deposits, mildew and stains. Cleans and eliminates odors leaving a fresh wintergreen scent.

Compass Rinse

Professional grade rinse-aid that ensures spot-free drying. Quickly dries hard surfaces found in commercial and institutional food service, kitchens, bathroom and restroom settings. Promotes drying and sheeting action. Ideal for stainless steel, glass and mirrors, ceramic and terrazzo tile, marble and porcelain. Keeps hard surfaces spotless and reduces soap scum build up.

	Order no.	Size	pH	Color	Scent	Dilution	Foam	Hardness 1-5	Phosphate Free	Kosher Approved / Certified
Compass™ Clean	8.695-241.0	4 x 1 gal case	13.6	orange	No added fragrance	Varies by need	medium	3	■	■
Compass™ Shine	8.695-242.0	4 x 1 gal case	1.0	dark green	winter green	Varies by need	medium	5		■
Compass™ Rinse	8.695-243.0	12 x 1 qt case	3.9	clear	No added fragrance	1:2560	low	5	■	■

I **INTERIM**

QUICK TO CLEAN, QUICK TO DRY.

The iCapsol™ BRS 43/500 Deluxe, along with Kärcher's encapsulation chemical, offers an interim cleaning process that saves both time and money.

Improve your carpet's appearance, reduce odor and open your floors to traffic in as little as 20 minutes with the iCapsol™ BRS 43/500 C Deluxe and iCapsol OA chemical.

Unlike with deep extraction where carpet drives slowly due to the lack of airflow through the carpet fibers, the iCapsol™ carpet cleaning process cleans faster. The result is improved appearance, while preserving the length of the carpet. Plus, you'll get an extra perk using iCapsol OA which helps reduce odors by using encapsulation. Wool Safe Approved.

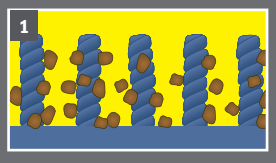


	Order no.	Size	pH	Color	Scent	Dilution	Foam	Hardness 1-5	Phosphate Free	Kosher Approved / Certified
iCapsol™ Encapsulating Chemical										
Karcher Red Carpet iCapsol™ OA	8.760-134.0	4 x 1 gal case	7.0	amber	No added fragrance	1:16	medium	3	■	■
	8.760-135.0	12 x 1 pt case	7.0	amber	No added fragrance	1:16	medium	3	■	■
	8.760-136.0	5 gal	7.0	amber	No added fragrance	1:16	medium	3	■	■
ICapsol™ encapsulating chemical	8.695-226.0	4 x 1 gal case	7.2	amber	No added fragrance	1:16	medium	3	■	■
	8.695-469.0	12 x 1 pt case	7.2	amber	No added fragrance	1:16	medium	3	■	■
iCapsol™ encapsulator / protector	8.695-227.0	4 x 1 gal case	7.0	amber	No added fragrance	1:16	medium	3	■	■
	8.695-643.0	5 gal	7.0	amber	No added fragrance	1:16	medium	3	■	■
	8.695-470.0	12 x 1 pt case	7.0	amber	No added fragrance	1:16	medium	3	■	■

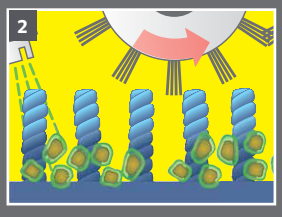


Magnified view of iCapsol™ encapsulating cleaning technology at work. Left = dirty, Middle = encapsulated soil, Right = cleaned with iCapsol.

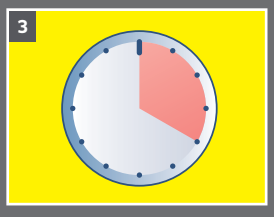
A closer look at encapsulation



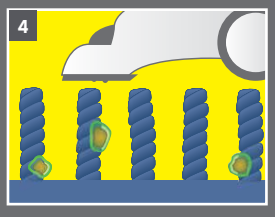
1. After removing dry soil by vacuuming, the iCapsol encapsulating chemical is sprayed by the BRS 43/500 which allows its brushes to agitate it into the pile.



2. The iCapsol™ encapsulating cleaning chemical breaks down and then surrounds the sticky, oily particulate and other detergent residue from previous cleaning.



3. Within 20-30 minutes the encapsulate dries into a hard, non-sticky crystal, around the soil.



4. The dry flaky crystals can easily be removed by vacuuming after 20-30 minutes, or during the next cleaning. The result is carpet that is clean, dry, and ready quickly.

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 at least 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.



Red Carpet Super Pre-Spray

Professional pre-spray formulated with a gentle but powerful blend of solvents, surfactants and other specialty materials. Designed to outperform all other fine fabric cleaning products in the industry. Allowing for maximum cleaning power at a mild pH. The first step in the hot water extraction two-step cleaning process. Extract using Red Carpet Extraction Cleaner or Red Carpet Super Conditioning Rinse. Pleasant fresh citrus scent. Concentrated.

Red Carpet Extraction Cleaner

Professional liquid extraction agent for residential and commercial carpet and upholstery cleaning. Encapsulates soils and flushes pre-spray clean for maximum soil removal with minimal residues. Can be used for one-step or two-step hot water extraction cleaning processes. Works well with truck mounts and portable extraction units. Pleasant fresh citrus scent. Concentrated.

Red Carpet Super Conditioning Rinse

Professional multi-purpose acidic extraction rinse. Features premium-grade ingredients that emulsify and remove soils and pre-spray residues that others leave behind, while safe organic acids neutralize alkalinity and leave fibers bright and luxuriously soft to the touch while inhibiting bleeding, dye migration, browning and soil wicking. Use it to stabilize dyes on most fabrics, area rugs and other textiles. Suitable for use with portable or truck mount extraction equipment. Also effective as a urine neutralizer: apply as a post-mist or use as part of a deep saturation and sub-extraction decontamination process. Pleasant fresh citrus scent. Concentrated.

Red Carpet Expert All-N-1 Carpet Cleaner

Red Carpet Expert ALL-N-1 Carpet Cleaner provides everything you need in one convenient formula. Clean carpets, remove spots and deodorized all on one step. Safe for stain-resistant carpet, commercial or indoor-outdoor carpet. Highly effective on carpet in automobiles, RVs, boats and automobile upholstery. Can be used as a spotter, pre-spray and / or extraction cleaner. Pleasant fresh scent. Concentrated.

	Order no.	Size	pH	Color	Scent	Dilution	Foam	Hardness 1-5	Phosphate Free	Kosher Approved / Certified
Red Carpet Super Pre-Spray	8.695-207.0	4 x 1 gal case	10.2	blue green	citrus	1:16	medium	5		■
Red Carpet Extraction Cleaner	8.695-210.0	4 x 1 gal case	11.5	bright blue	citrus	1:128	low	5	■	■
Red Carpet Super Conditioning Rinse	8.695-209.0	4 x 1 gal case	2.2	green	citrus	1:128	low	5	■	■
Red Carpet Expert All-n-1 Carpet Cleaner	8.695-229.0	12 x 1 qt case	8.8	blue	fresh	1:64	low	5		■
	8.695-230.0	4 x 1 gal case	8.8	blue	fresh	1:64	low	5		■

R RESTORATIVE



BRING CARPET BACK TO LIFE!



Red Carpet Enzyme Deodorizer

Professional level deodorizer that contains a premium blend of enzymes to break down odors and the source of odors associated with feces, urine, vomit, sweat, and pet odors. These enzymes are supported by a powerful blend of cleaning agents and topped off with a light citrus fresh scent. Ideal for professional and industrial use settings.

Red Carpet Odor Neutralizer

Professional strength deodorizer. Can be used on small to large clean-up incidents. Mild pH enables use on carpets, hard surfaces, walls and other textiles. Suitable for restoration and remediation efforts. Leaves a crisp clean floral scent.

Red Carpet Wool & Natural Fiber Cleaner

Professional strength Wool & Natural Fiber Cleaner has a neutral pH and is built with gentle cleansers. This shampoo is safe to use on cotton, wool and synthetic fibers. Creates a dense low level foam that quickly suspends deeply embedded soils for easy removal. Balanced blend of cleaning agents for effective cleaning of diverse soil types. Highly versatile. Can be used as a pre-spray / extraction cleaner with portable or truck mount extraction equipment. Can be used on upholstery and fabric coverings. Suitable for tub and tank wash applications. Safe on stain resistant carpeting. Wool Safe Approved. Pleasant fresh citrus scent. Concentrated.

Red Carpet Liquid Defoamer

Red Carpet Liquid Defoamer contains a unique blend of foam-reducing agents that instantly decreases foam levels in hoses and waste tanks. Use when cleaning fibers with high levels of detergent residue from previous cleanings or to pick up detergent spills. Convenient liquid formula simplifies application. Controlling foam in your equipment helps to preserve operating efficiencies and protects pumps and blowers against potential damage.

	Order no.	Size	pH	Color	Scent	Dilution	Foam	Hardness 1-5	Phosphate Free	Kosher Approved / Certified
Red Carpet Enzyme Deodorizer	8.695-218.0	4 x 1 gal case	8.5	amber	citrus	1:4	low	2		■
Red Carpet Odor Neutralizer	8.695-219.0	4 x 1 gal case	7.6	clear	floral	1:128	medium	3	■	■
Red Carpet Wool & Natural Fiber Cleaner	8.695-211.0	4 x 1 gal case	8.0	slate blue	citrus	1:128	low	5		■
Red Carpet Liquid Defoamer	8.695-213.0	4 x 1 gal case	7.0	white	No added fragrance	1:128	n/a	1		■

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