

Lees[®]

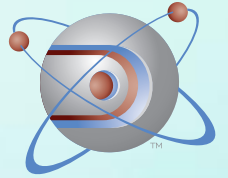
ENGINEERED TO INSPIRE.



MAINTENANCE



WATER IS OUR MAIN
CLEANING AGENT.



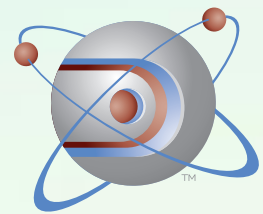
The Antron[®]
DIFFERENCE

Antron[®] is a registered trademark of INVISTA for carpet fiber.



ADVANCED PERFORMANCE
TECHNOLOGIES HELP KEEP
YOUR LEES CARPET LOOKING
GREAT, EVEN UNDER THE
MOST STRENUOUS USE.

Lees carpets are engineered for durability and ease of maintenance. Antron® hollow filament nylon fibers resist wear, hide soiling and release soil easily. The Duracolor® patented, permanent stain resistance system allows you to remove almost all stains with water only. And Duracolor is hard-coded into the molecular structure of each fiber, where it can never wash or wear away. High performance backing systems eliminate edge ravel, loss of tuft bind, and delamination. These industry-leading technologies, a little planning and a few simple processes ensure a lifetime of beautiful performance.



DURACOLOR®
THE MOLECULAR CODE FOR STAIN RESISTANCE



Lees Duracolor patented, permanent stain resistance system is a molecular technology that works from within the fibers, providing permanent protection.

- Lifetime stain warranty.
- Resists 99% of all stains.
- 96% of all stains can be cleaned with water or hot water and a mild detergent.
- Resists fading due to atmospheric contaminants and sunlight.



ANTRON® LEGACY 6,6 FIBER



Antron® is a registered trademark of INVISTA for carpet fiber.

- Ultimate soil resistance.
- Unique fiber construction allows maximum soil release during routine vacuuming.
- Hollow fibers scatter light, allowing your carpet to appear cleaner.
- Resists matting, crushing and abrasive wear.

UNIBOND® AND UNIBOND U2 BROADLOOM BACKING SYSTEMS



Lees Unibond and Unibond U2 backing systems deliver a lifetime of superior performance, making Lees broadloom the perfect 12-foot width carpet.

- Eliminate edge ravel – without seam sealers or welds.
- Superior tuft bind – wet or dry.
- Will not delaminate – no chair pads required.
- Lifetime non-prorated warranty.
- Impervious to moisture.
- Certified Environmentally Preferred Product.
- Contains rapidly renewable bio-based resin.
- Unibond RE™ is Certified by Scientific Certification Systems to contain a minimum of 20% post-consumer recycled content by total product weight.

ENCYCLE: ADVANCED MODULAR BACKING SYSTEM



Performance engineering makes Lees Encycle the superior backing system for modular carpets.

- Provides permanent dimensional stability.
- Will not cup, dome or dish.
- Will not edge ravel.
- Will not delaminate – no chair pads necessary.
- 100% thermoplastic backing construction.
- Contains not less than 35% pre-consumer recycled content by total product weight.

STEP 1 : Prevention & Planning

PROPER SPECIFICATION

An effective maintenance program begins with proper specification.

COLOR SELECTION AND PILE TYPE

- Specify darker color; loop pile carpet for heavy traffic areas.
- Lighter colors and cut pile are more appropriate for lower traffic areas.

WALK-OFF MATS (OUTSIDE)

- Place walk-off mats outside each door to minimize the soil that enters your facility.
- Maintain mats properly so they don't become a source of soiling.

WALK-OFF AREAS (INSIDE)

- One of the best ways to protect your new carpet investment, along with other floor finishes in your facility, is to incorporate an appropriate walk-off system carpet. Walk-off systems are specifically engineered to remove and capture debris and moisture before they can make it deep into your facility where they can cause accelerated, premature wear. Lees FirstStep and StepUp, available in carpet tile or six-foot roll goods, are each ideal for walk-off system applications. We recommend their use in entryways as well as from areas such as cafeterias or copy rooms whenever specifying products from Lees.
- Wipe-off areas should be at least six linear yards in length.
- Carpet tiles can be cleaned on site or replaced with attic stock and cleaned elsewhere.

MAINTENANCE SCHEDULE

Color code your floor plan to indicate high, medium and low traffic areas.



High: Outside entrances, corridors, stairways, and main aisles.



Medium: Secondary aisles, office space, meeting rooms, and atriums.



Low: Back offices, conference rooms, and executive areas.

STEP 2 : Daily Spot Cleaning

IMPORTANT TIPS

- Establish a Hot Line for employees to call and report spills.
- React to all spills immediately, before the spill dries.
- The best time to identify stains is during regular vacuuming.
- Use a small machine such as a Hoover Steam Vac and an ample supply of clean water for spot cleaning.

PROCEDURE

- Blot or vacuum up any liquid or solid.
 - Always blot gently – do not rub or push down on the spot.
 - Continue blotting until you cease to get a transfer of the spill.
- Add cold water (for hot spills, use water that is the same temperature as the spill) to the spot and repeat blotting.
 - Do not soak the area. Use just enough water to get a transfer of the spot.
 - If unsuccessful, use hot water.
 - Repeat this process as long as you get a transfer of the spot.
- If water does not work:
 - Apply DURASAFE® 1007 and brush lightly.

NOTE: All DuraSafe products are formulated to be safe to the user and to the carpet. Lees' complete line of cleaning products is specially formulated to tackle the toughest carpet stains, from lipstick to margarine, iodine to rust, black coffee to blood – and everything in between. For more information about Lees' cleaning products, call us at 1 800-443-2241.

 - Gently massage the spotter into the soiled area in four directions using a clean, dry cloth. Blot any residual moisture from the area.
 - Vacuum the area thoroughly after drying to remove crystals and encapsulated soil.
 - If DURASAFE® 1007 does not remove the spot, apply DURASAFE® 2007 to the area, blot, and vacuum.
- If the spot returns, either the cleaner used was not fully removed from the carpet, or the spot was bigger at the yarn base than at the surface. To correct the problem, thoroughly vacuum the area after the spotter has crystallized.



Traffic	Spot Removal	Vacuum	Pile Lift	Bonneting	Hot Water Extraction
High	Daily	Daily	Monthly	Monthly	Every 8 to 12 weeks, depending on soiling
Medium	Daily	Every 2 days	Quarterly	Quarterly	Semi-annually
Low	Daily	Semi-weekly	Semi-annually	Semi-annually	Annually

Type of Stain	Procedure	Recommended Spotters	
Antacids (Maalox®, Mylanta®) Beer Beet Juice Beverages (Natural Fruit) Catsup Chalk Clay Coffee Cough Syrup Honey Jelly Solution Kool Aid®	Liquor (Bourbon) Maple Syrup Milk Milk of Magnesia Milk Shakes Infant Formula Salt Soft Drinks Tea Tobacco Juice Toothpaste Urine Vomit Water Colors	<p>Procedure 1: Wet the spot using cold water. Extract and repeat until the spot is removed. Heat the water if necessary. Do not exceed 160° F. If the spot remains, use Procedure 2.</p>	Water
Butter/Margarine Candy Canned Fruit Chocolate Gravy Ice Cream Mayonnaise	Mustard Peanut Butter Salad Dressing Soy Sauce Tomato Paste Wine	<p>Procedure 2: Apply DURASAFE® 1007 to the area and massage into the spot. Vacuum the area after the spotter has crystallized. Repeat until the spot is removed.</p>	DURASAFE 1007
Adhesive Asphalt Grease Gum Hand Lotion	Lipstick Other Oil Based Stains Paint	<p>Procedure 3: Apply DURASAFE® 2007 to the area and massage into the spot. Vacuum the area after the spotter has crystallized. Repeat until the spot is removed.</p>	DURASAFE 2007
Coffee Mustard Tea	Tannin Based Stains Yellowing	<p>Procedure 4: Wet the spot with cold water. Apply DURASAFE® 5007 to the area. Extract and flush with clear water. Repeat until the spot is removed.</p>	DURASAFE 5007
Feces Flood/Fire Damage Mildew	Mold Pet Mishaps Sewage Smoke Odors	<p>Procedure 5: Wet the spot with cold water. Apply DURASAFE® 6007 to the area with a sprayer. Extract and flush with clear water. Repeat until the spot is removed.</p>	DURASAFE 6007
Betadine	Iodine	<p>Procedure 6: Wet the spot with cold water. Apply DURASAFE® 7007 to the spot. Rinse and extract. Repeat and let the DURASAFE 7007 sit for five minutes. Rinse and extract. Repeat until the spot is removed.</p>	DURASAFE 7007
Rust		<p>Procedure 7: Wet the spot with cold water. Extract and repeat until the spot is removed. Heat the water if necessary. Do not exceed 160°F. Apply DURASAFE® 8007 to the area. Extract and flush with clean water.</p>	DURASAFE 8007

IF THE SPILL IS DRY, VACUUM UP THE EXCESS. IF WET, EXTRACT OR SCRAPE UP EXCESS. ALLOW CHEMICALS TO DWELL 5-10 MINUTES BEFORE EXTRACTING.

STEP 3: Vacuuming



EQUIPMENT

Use a dual motor or twin fan upright vacuum cleaner with a beater bar or double row of brushes with high suction. The bar or brush should be about 1/8" below the vacuum cleaner casing to ensure proper agitation.

SCHEDULE



Walk-Off Mats: Daily



High Traffic: Daily



Medium Traffic: Every 2 days



Low Traffic: Semi-weekly

Vacuuming is the most effective way to remove soil because 80% of all dirt comes up with vacuuming! Pile lifting breaks up packed down dirt and removes another 10% of dirt that vacuuming alone can miss. That means that 90% of the soil in carpet is removed by vacuuming and pile lifting - and without the use of chemicals or wet cleaning methods!

PROCEDURE

— Vacuum with slow, deliberate passes, forward and backward, to allow air to circulate through the carpet and extract the soil.

— A minimum of four passes (forward and backward) on the same area is required to effectively extract loose dirt. Make five to seven passes for high traffic areas.

NOTE: Most carpet problems are discovered during vacuuming. Keep a pair of scissors in a holster off the vacuum to clip snags. Hang a clipboard off the vacuum to note any problems discovered. Define the type of repair needed and act accordingly.

STEP 4: Pile Lifting



EQUIPMENT

Choose a pile lifter that has sufficient suction to lift the pile and enhance the vacuuming process, such as Americlean's PLV 5500. Use high efficiency filter media.

SCHEDULE



High Traffic: Monthly



Medium Traffic: Quarterly



Low Traffic: Semi-annually

PROCEDURE

— Pile lift slowly and deliberately, adjusting the speed of machine travel for carpet pile and density. The machine delivers its greatest cleaning power when it is pulled backwards.

— To restore the appearance of very matted carpet in heavy traffic areas and funnel points, operate the machine in a 90-degree pattern.

IMPORTANT TIPS FOR BONNETING AND HOT WATER EXTRACTION

- When using detergents, follow the dilution levels – too little detergent is better than too much.
- Be sure to rinse all detergent out of the carpet. Residual detergent will cause a rapid resoil problem.
- Do not put chemicals or detergents in extractors.
- Do not soak bonnets in chemicals or detergents.
- DO NOT USE CHLORINATED CLEANING SOLUTIONS, QUATERNARY SOLUTIONS, PETROLEUM DISTILLATES, OR CITRUS BASED CLEANING SOLUTIONS.
- Lees DURASAFE® detergents are specifically designed for your Lees carpet. DuraSafe products are pH neutral, economical, and environmentally friendly. For more information call Lees Technical Services at 1 800-443-2241.

STEP 5: Bonneting



SCHEDULE

High Traffic: Monthly



Medium Traffic: Quarterly



Low Traffic: Semi-annually

NOTE: You may adjust this schedule based on carpet appearance.

PROCEDURE

- Thoroughly vacuum all areas to be bonneted.
- Apply DURASAFE® 4007 Bonnet Cleaning Concentrate, in proper dilution, by pre-spraying the carpet with an airless sprayer. Allow five minutes dwell time.

NOTE: Lees does not recommend the use of chemicals in the bonnet shower tank.

- For high traffic areas with heavy soiling, scrub the area with a nylon brush before bonneting.
- Use a terry-cloth cotton bonnet, dampened with water only.
- Use at least one bonnet for every 250 square feet cleaned.
- When two-thirds of the bonnet shows signs of soil, it should be either reversed or changed.
- Dry vacuum the carpet to remove crystals and encapsulated soil.

STEP 6: Hot Water Extraction



SCHEDULE

High Traffic: Every twelve weeks; if soiling persists, increase the frequency to every eight weeks



Medium Traffic: Semi-annually



Low Traffic: Annually

NOTE: Maintaining the vacuuming, pile lifting, and bonneting schedules specified in this guide may allow for less frequent hot water extractions.

PROCEDURE

- Thoroughly vacuum all traffic areas.
- Pre-spray DURASAFE® 3007 Hot Water Extraction Formula using an airless sprayer. Allow at least five minutes dwell time.

NOTE: Do not over-mix the chemical solution; more hot water extraction solution is not better. If too much solution is used, the carpet will soil more quickly. Always dilute the DURASAFE® 3007 Hot Water Extraction Formula according to package instructions.

- Heavily soiled areas may require scrubbing with a nylon brush or a rotary machine to break up soil deposits prior to hot water extraction.
- Extract thoroughly, using only water in the extractor tank.
- Perform a second rinse pass following the deep cleaning extraction.
- Follow each wet pass with a minimum of three dry passes. Delay the last dry pass to allow final wicking. Run this last pass perpendicular to the other passes.

NOTE: During hot water extraction, some moisture may ease through the joints in a carpet tile installation. It is essential to extract as much moisture as possible with the dry passes. Occasionally, a tile may loosen if the adhesive becomes wet. When the adhesive re-dries, it will still retain its tackiness. The tile can easily be replaced and re-adhered to the floor.

- Enhance drying time by following the extraction with a dry terry cloth bonnet procedure. A dry bonnet procedure eliminates wick-back, gives the carpet a uniform look by eliminating extractor lines, and improves the drying process.
- Use snail fans or air movers for the final drying of the carpet. Allow three hours drying time after the last extraction before traffic is allowed on the carpet.

ENGINEERED TO INSPIRE.

Lees®

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