

Milliken HybridFORM™

CLEANING & MAINTENANCE PROCEDURES

	LOW TRAFFIC	MEDIUM TRAFFIC	HIGH TRAFFIC
Entrance Flooring	Suggested	Recommended	Highly recommended
Regular Cleaning with Vacuum	Weekly	Every other day	Daily
Spot & Spill Cleaning with Approved Spot Cleaner	Daily & soon after spills	Daily & soon after spills	Daily & soon after spills
Interim Cleaning	Every 3-6 months	Every 2-3 months	Monthly
Periodic / Restorative Cleaning with Hot Water Extraction	As needed	As needed	As needed



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REGULAR CLEANING

VACUUMING

❶ VACUUM FREQUENTLY:

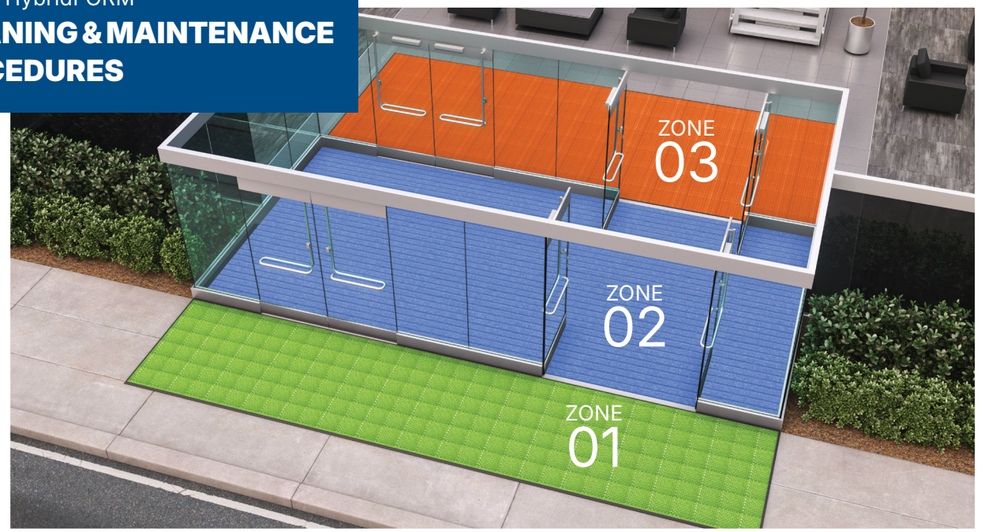
- Use a commercial upright vacuum with a rotating brush bar (e.g., use a vacuum with a CRI Seal of Approval, recommended for commercial settings).
- The height of the brush bar should be adjusted to a low position, making firm contact with the floor but allowing smooth movement without excessive resistance. Excessive brush contact can damage the flooring surface, but too high of position will not clean as well.
- Keep the brush bar on because agitation helps lift dirt and debris from the fibers.
- Vacuuming frequency depends on traffic:
  - High traffic: Daily (entrances, lobbies, food service areas)
  - Medium traffic: Every other day (secondary corridors, conference rooms)
  - Low traffic: Weekly (rarely used rooms)

❷ TECHNIQUE:

- Perform slow, overlapping passes to remove dry, gritty soil that can abrade fibers.



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A KEY TO STOPPING DIRT IS DISTANCE

The effectiveness of an entryway system is determined by choosing the right product and using enough of it to be impactful. We recommend 20-39 feet of protective flooring for maximum benefit.

ZONE 03

6′ STOPS **40%** OF DIRT

ZONE 02

20′ STOPS **80%** OF DIRT

ZONE 01

39′ STOPS **98%** OF DIRT

ENTRANCE FLOORING

- Place entrance flooring or walk-off mats at all entrances and transition points to capture large amounts of dirt and moisture before it reaches the main flooring.
- We recommend 20-39 feet of protective flooring for maximum benefit.
- Zone 1, Zone 2, Zone 3.
- Clean and vacuum the entrance flooring daily to maintain effectiveness.

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INTERIM CLEANING

SEVERAL POSSIBLE OPTIONS ENDORSED BY CRI INCLUDE:

Ⓐ FAST FOAMER™ CLEANING TECHNOLOGY BY FOAMING FLOORS, MI
(https://foamingfloors.com/)

- **Vacuum first**
  - Use a CRI approved vacuum
  - 3 passes at 1 foot/second
- **Pre spray with High Energy Foam**
  - 12 oz/gallon dilution
  - Apply with Fast Foamer (gray brushes)
  - 2 passes at 1 ft/second
- **Dwell Time**
  - Allow 15 minutes
- **Foam Agitation / Soil Recovery**
  - 2 passes with foam ON
  - Attach renovator trays
  - 3 passes with foam OFF
- **Groom the Carpet**
  - Use supplied grooming pads
- **Final Drying + Post Vacuum**
  - Let carpet dry completely
  - Vacuum again (2 passes)



Ⓑ LOW MOISTURE ENCAPSULATION CLEANING BY WHITTAKER, PA
(https://www.whittakersystem.com/)

- **Dry Soil Removal**
  - Thorough vacuuming to remove loose, abrasive soil before any moisture is applied.
  - Critical for maximizing cleaning efficiency and extending flooring's life.
- **Pre Condition / Encapsulation Application**
  - Apply Whittaker-approved encapsulation detergent evenly to the carpet.
  - Solution surrounds (encapsulates) oily and sticky soils rather than dissolving them into the backing.
- **Mechanical Agitation**
  - Agitate the carpet using a Whittaker counter rotating brush (CRB) machine.
  - Brushes lift dirt, distribute chemistry uniformly, and release embedded soil from fibers.
- **Encapsulation & Drying**
  - As the carpet dries, the detergent crystallizes around the soil particles.
  - Low moisture use allows for rapid dry times and minimal disruption to the workspace.
- **Post Vacuuming**
  - Routine vacuuming removes the crystallized soil particles.
  - Leaves carpet clean, residue-free, and ready for immediate use.

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SPOT & SPILL CLEANING

1 IMMEDIATE RESPONSE

- Blot spills right away using a clean, white, lint free, damp cloth. Do not rub aggressively, as this can spread or set the stain.
- For loose soil or debris, vacuum first.
- For solids or encrusted material, gently scrape with a spoon or dull knife.

2 BASIC SPOT CLEANING

- Use a mild, neutral pH chemistry or an approved spot cleaner (e.g., XL North Carpet Spotter, Spot Shot,® Chem-Dry's Professional Strength Spot remover, or any spot remover which has the CRI Seal of Approval).
- Always apply the cleaner to a white, terry towel, a micro-fiber cloth or a soft bristle brush—not directly to the floor.
- Agitate gently with the cloth or soft brush, as needed.

3 RINSING & MOISTURE REMOVAL

- Rinse by blotting with clean water to remove any spot cleaner residue.
- Blot dry thoroughly with clean towels.
- For deeper moisture removal, place layers of towels over the spot and apply a heavy object to absorb remaining moisture.

4 PERSISTENT OR STUBBORN STAINS

- Treat with a mild spot cleaner (e.g., CRI approved products).
- Repeatedly blot and rinse the spot with water until improvement is achieved.
- A mini extractor may be used to assist in the removal of the spot, cleaner and water.

5 DAILY SPOT & SPILL MANAGEMENT

- Perform routine spot cleaning between scheduled deep maintenance to preserve appearance.
- Prompt attention to spills reduces potential of staining and improves long term floor performance.



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PERIODIC/ RESTORATIVE CLEANING

HOT WATER EXTRACTION

1 WHEN TO PERFORM DEEP / RESTORATIVE CLEANING

· Use whenever interim cleaning no longer restores desired cleanliness appearance.

2 RECOMMENDED METHOD: HOT WATER EXTRACTION

· Use CRI approved hot water extraction equipment—truck mounted or portable (e.g., Bane Clene, Tennant, US Products, Rug Doctor, Bissell Big Green).

· Incorporate mechanical brushing to release embedded soil prior to extraction.

· Use only certified cleaning solutions to maintain warranties and ensure product compatibility.

3 STANDARD HOT WATER EXTRACTION PROCESS

A. Thorough Dry Vacuuming
- Remove loose soil before introducing moisture or pre-spray.

B. Pre Spray Application
- Apply extraction pre spray uniformly over the area.
- Allow proper dwell time to maximize cleaning action.

C. Agitation
- Agitate mechanically with a soft carpet brush.
- Pay special attention to areas with heavy soil or tracked in contaminants.

D. Hot Water Extraction
- Extract using CRI approved equipment with clean, hot water.
- Avoid over wetting to protect flooring structure, adhesives, and dimensional stability.

E. Rinse
- Perform a clean water rinse pass to remove detergent residue and optimize long term appearance.

4 DRYING PROCEDURES

· Use air movers, fans, or increase HVAC airflow to accelerate drying.

· Ensure the space remains well-ventilated during and after cleaning to minimize downtime and prevent moisture-related issues.

· Restrict foot traffic until the floor is completely dry.

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POST INSTALLATION PROTECTION

LONGEVITY, PERFORMANCE, AND APPEARANCE

PREFERRED:

- Use flat protective glides for furniture, at least 1.5″ - 2″ in diameter, made of soft materials like felt, silicone, or poly-based materials.
- Choose larger/wider glides for heavier furniture to disperse weight effectively.
- Replace small, narrow, or dome-shaped glides with flat glides for full surface contact.
- Employ felt pads for frequently moved furniture and clean them periodically.
- Inspect and replace damaged chair/table leg glides and ensure rust-proof metal protectors.
- Use soft, W-Type polyurethane wheels for rolling chairs and check for any broken or nonrotating wheels.
- Use protective boards (1/2″ thick) or appropriate furniture movers when relocating heavy items.
- Protect floors from direct sunlight with appropriate window coverings.
- Conduct an audit of existing furniture glides during flooring renovations to identify potential issues.

AVOID:

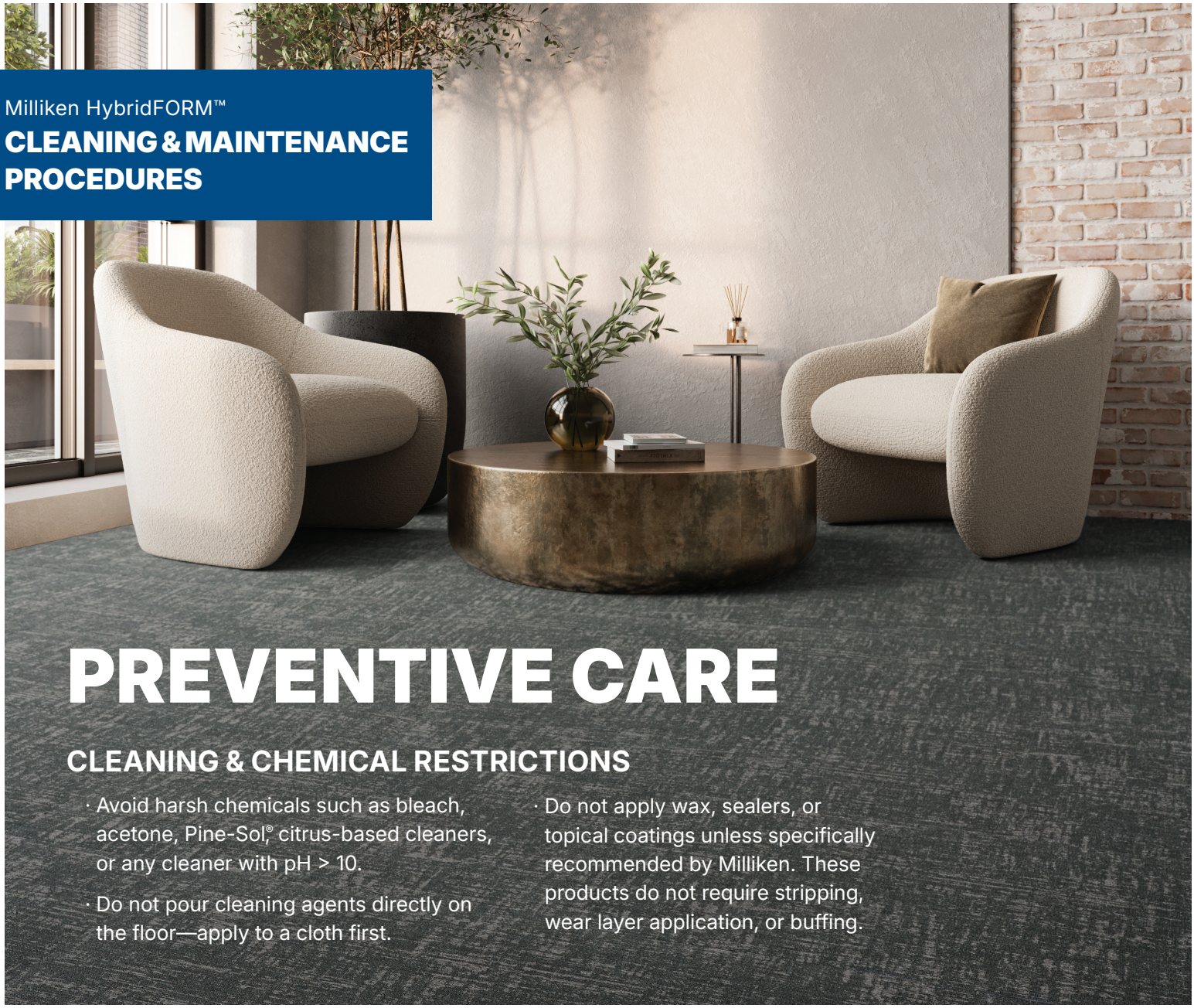
- Using narrow chair glides for heavy furniture.
- Retaining small, narrow, or dome-shaped glides.
- Using nylon or hard plastic wheels, glides, or casters.
- Allowing damaged or non-functional wheels on furniture.
- Dragging heavy furniture, appliances, or fixtures directly across the floor.
- Utilizing metal or razor scrapers on the surface.



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PREVENTIVE CARE

CLEANING & CHEMICAL RESTRICTIONS

- Avoid harsh chemicals such as bleach, acetone, Pine-Sol,® citrus-based cleaners, or any cleaner with pH > 10.
- Do not pour cleaning agents directly on the floor—apply to a cloth first.
- Do not apply wax, sealers, or topical coatings unless specifically recommended by Milliken. These products do not require stripping, wear layer application, or buffing.

ADDITIONAL

MAINTENANCE DETAILS

DISINFECTION

- Use 3% hydrogen peroxide-based solutions or Vital Oxide.®
- Process includes:
  - Vacuum
  - Apply diluted solution (1:5 Vital Oxide or 50/50 hydrogen peroxide)
  - Agitate lightly
  - Do not rinse
  - Allow 60 minute dwell time
  - Extract excess moisture if needed
  - Hot water extraction is recommended after every 25 sanitizing cycles.

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