

HAUSMANN CLEANING GUIDELINES



Pro-FORM & Comfort Plus Vinyl

Hausmann Upholstery with Boltaflex PreFixx® Protective Finish

Hausmann upholstery includes Boltaflex PreFixx protective finish that is designed to be cleaned easily and repeatedly, without showing signs of wear. PreFixx protection makes it possible to remove stains and protect you from high maintenance costs and from frequent reupholstery costs.

Boltaflex PreFixx® Finish goes beyond previous protection

Boltaflex PreFixx offers state-of-the-art resistance to staining, abrasion, scuffing, burnishing and blocking demonstrated in repeated laboratory tests. PreFixx also resists stain penetration of the upholstery for unique, long-term protection. The superior stain resistance and improved wear properties help keep PreFixx-protected products looking new far longer than most other vinyl upholstery. Many difficult stains like ballpoint ink can be cleaned with active solvents such as nail polish remover without damaging the PreFixx finish, when following the recommended cleaning instructions.

Care and Cleaning (Boltaflex PreFixx®)

Remove ordinary dirt and smudges by using a clean, soft towel with a mild soap and water solution. Dry with a soft lint-free cloth or towel. For more difficult stains, continue to Special cleaning problems. The use of vinyl "conditioners" or "protectants" is not recommended and should be avoided on all Hausmann upholstery.

Special Cleaning Problems **

Although upholstery with PreFixx protection is resistant to most common stains, some fabric dyes have the ability to create a permanent stain. To minimize any problems from these and other stains, all stains should be cleaned as soon as they are noticed, making sure the recommended cleaning agents are used in the following order:

Step 1 - Non-abrasive cleaners.

Use one of the following recommended cleaners with a soft cloth or damp sponge: Formula 409® All-Purpose Spray Cleaner or Fantastik® Spray Cleaner. Rinse cleaned area with fresh water then dry with a clean, lint-free cloth.

Step 2 - Solvent-type cleaner*.

Use rubbing alcohol (70% isopropyl alcohol), rinse stained area with fresh water then dry with a clean, lint-free cloth.

Step 3 - Strong active solvent cleaners*.

Use a strong, active solvent cleaner diluted in water (70% water/30% solvent cleaner) such as nail polish remover (acetone/water) with a soft cloth or damp sponge. Stain should be removed with less than six (6) rubs. If the stain persists after six rubs, the stain has set and probably cannot be removed. Rinse cleaned area with fresh water, and then dry with a clean, lint-free cloth.

* **CAUTION:** Some solvents are highly flammable. Exercise proper care in cleaning and notify personnel in area of danger. Wear rubber gloves during all cleaning activities. Use caution in cleaning around buttons, stitching and wooden or decorative trim, since these solvents could seriously damage such areas.

Stain Chart ***

Recommended cleaning steps for Hausmann upholstery coated with PreFixx protective finish listed by stain type. Follow the cleaning steps in order for best results.

STAINING AGENT	CLEANER STEP
Baby Oil	1
Urine	1
Blood	1
Hair Oil Tonic	1
Tea	1
Coffee	1
Betadine	1

STAINING AGENT	CLEANER STEP
Eye Shadow	1 - 2
Crayon	1 - 2
Grease	1 - 2
Lipstick	1 - 2 - 3
Ballpoint Pen	1 - 2 - 3
Permanent Marker	1 - 2 - 3
Spray Paint	1 - 2 - 3

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Green Line Urethane PVC-Free Fabric and Nylon Reinforced Mat Vinyl

To minimize any problems from stains, all stains should be cleaned as soon as they are noticed, making sure the recommended cleaning agents are used in the following order: non-abrasive cleaners, solvent-type cleaner, strong active solvent cleaner.

Normal Care and Cleaning

Remove ordinary dirt and smudges by using a clean, soft towel with a mild soap and water solution. Dry with a soft lint-free cloth or towel. For more difficult stains, continue to Special cleaning problems. The use of vinyl "conditioners" or "protectants" is not recommended and should be avoided on all Hausmann upholstery.

Special Cleaning Problems

Use one of the following non-abrasive cleaners with a soft doth or damp sponge. Rinse cleaned area with fresh water then dry with a clean, lint-free cloth."

- Formula 409® All-Purpose Spray Cleaner.
- Fantastik® Spray Cleaner

NOTE: Repeated use of any disinfectants and cleaning agents will degrade coated fabrics upholstery steps in order for best results.

The CDC (Center for Disease Control) Guidance for Disinfection of Non-Critical Surfaces (including Exam Table Upholstered Tops)*

These recommendations include:

1. Use an EPA-registered disinfectant that is a minimum of a low level disinfectant and has broad spectrum efficacy between each use.
2. If disinfectant is a concentrate, then the dilution must exactly follow the recommended dilution rate, as too strong a solution could potentially harm the vinyl upholstery.
3. Follow the disinfectant instructions and use the cleaner with care and caution.

CAUTION

Use of products containing quaternary ammoniums will cause discoloration.

To identify if a disinfectant contains "quat" type characteristics, check the label for active ingredients. Most will contain the words ammonium chloride, dimethyl ammonium chloride, dimethyl benzyl ammonium chloride, and dimethyl ethyl benzyl ammonium chloride.

General house cleaning products may also contain "quats". Cleaning products must be checked for active ingredients. Discontinue any use of cleaning products that contain "quat" on these soft vinyl materials.

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Hausmann's Recommendation for Longevity of Vinyl: (We make NO recommendation on disinfection protocols)

4. Use the following methods for the longevity of vinyl:
 - a} DO NOT use hard surface cleaners/disinfectants.
 - b} DO NOT use hand sanitizers.
 - c} Use cleaners/disinfectants with as close to a 7.0 pH neutral as possible.
 - d} Position the table in a flat horizontal position.
 - e} Disinfect according to the manufacturer's label instructions (See vinyl manufacturer tested disinfectants below).
 - f} After the contact time is complete, rinse with clear water.
 - g} Dry with a clean lint-free towel or cloth to remove chemical build-up. (Failure to remove residue may cause discoloration of the coated fabric).
5. Do not mix disinfectants/cleaners as the combination of disparate chemicals can cause damage to the vinyl finish. Make sure to thoroughly wash and dry all surfaces when switching between disinfectants/cleaners to prevent adverse chemical reactions that could cause permanent damage to the upholstery.
6. Make sure vinyl surface is completely dry before applying table paper.

Because of the caustic/toxic properties of most disinfectants and the many variables in application manufacture tested disinfectants listed below are used at owner's risk.

Vinyl Manufacturer Tested Disinfectants***:

- DILUTED 9:1 (10%) BLEACH SOLUTION
- BLEACH-RITE® DISINFECTING SPRAY
- CLOROX HEALTHCARE CITRACE
- CLOROX HEALTHCARE BLEACH GERMICIDAL WIPES
- CLOROX HEALTHCARE HYDROGEN PEROXIDE WIPES
- HEALTHLINK EZ KILL WIPES
- FADE-A-DYNE 11
- LYSOL® SPRAY DISINFECTANT
- OPTIM™ 33TB DISINFECTANT
- OXIVIR TB
- PDI® SANI-CLOTH HB
- SANIZIDE PLUS GERMICIDAL SOLUTION
- VIREX II 256

To minimize disinfectant/cleaner residue build-up (which can cause discoloration, cracking, blisters, peeling, etc) do not allow disinfectants to pool on the vinyl surface. Once the approved kill time has been reached, remove and dry the excess liquid remaining on the surface and rinse with clean water and dry by wiping all surfaces with a clean, damp cloth. On a daily and a weekly basis wash vinyl surfaces with a mild liquid soap and water wash, followed with clear water rinse and thorough drying.

HAUSMANN'S WARRANTY provisions DO NOT cover potential harmful effects to vinyl upholstery that could be caused by repeated use of disinfectants over a period of time.

* Vinyl upholstery may show discoloration or other visual effects with enhanced CDC cleaning protocols and frequent cleaning requiring the use of potentially corrosive disinfectants .

**Not recommended for nylon reinforced coated vinyl used on some of the Hausmann mat platforms.

***This testing may not reflect actual results in the field. All disinfectants and cleaning agents contain chemicals that degrade coated fabric upholstery to some extent. To promote a long product life, it is recommended that the Prefix cleaning and maintenance protocol be employed regularly.