

DIRTT®



CARE AND CLEANING OF DIRTT SOLUTIONS

SOLUTION GUIDE

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Overview

DIRTT's high-quality powder-coated, veneer-wrapped, and anodized finishes are extremely durable. However, even the best finishes needs a little care during installation and daily use.

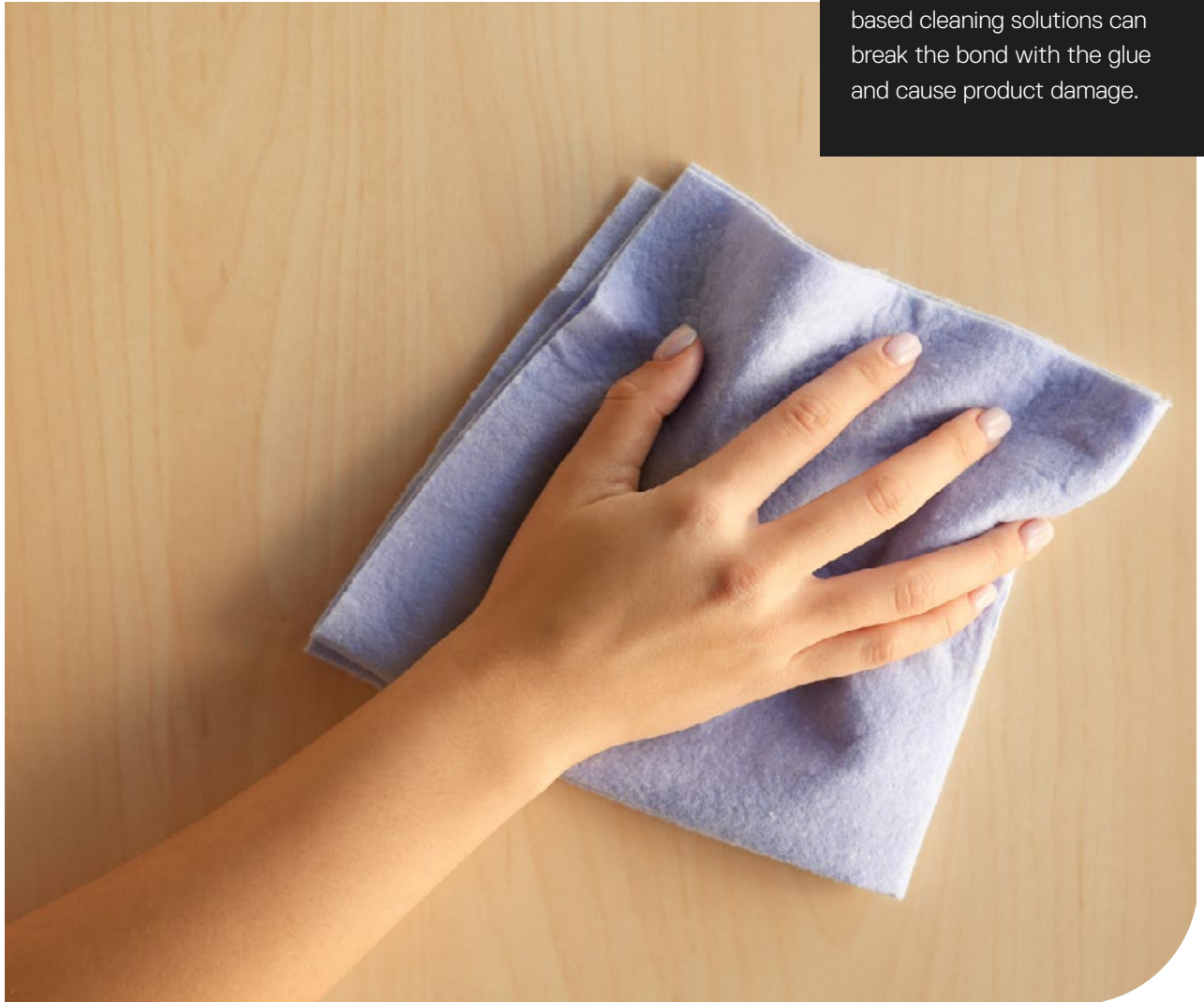
This guide is intended to assist architects, contractors, owners, building managers, and others concerned with the care and maintenance of DIRTT finishes. The following are suggested methods for establishing safe cleaning processes and recommended maintenance procedures for DIRTT solutions.

All questions should be directed to your DIRTT technician, DIRTT rep or a DIRTT project manager (PM). Send email inquiries to info@dirtt.com.

In addition to this guide, be sure to follow the [DIRTT Wood Best Practices](#) guide. For additional information on proper DIRTT material staging and other installation requirements, contact your local DIRTT field technician. Refer to the [DIRTT Technician App](#) for DIRTT field technician contact information.

IMPORTANT!

For all DIRTT finishes, **DO NOT** use ammonia-based cleaners (e.g., Windex®). Ammonia-based cleaning solutions can break the bond with the glue and cause product damage.





Care, Cleaning, and Repair Instructions for DIRTT Extrusions

ANODIZED EXTRUSIONS

Anodized materials have an extremely hard surface that is very colorfast and mark resistant. DIRTT's anodized finish is applied by a computer-automated, high-quality commercial anodizer specializing in architectural finishing. It provides consistent color and long solution life in a variety of applications.

STANDARD CLEANING

Anodized finishes should be cleaned using **mild soap** solutions to retain its original appearance. The cleaning solution should be applied with a **soft cloth, sponge, or brush**. **Avoid the use of strong acidic or alkaline cleaners. Do not use ammonia based cleaners (e.g., Windex®).**

REMOVING MARKS

Anodized surfaces that have been marked can be cleaned a little more aggressively. For example, slight scuff marks and rub marks can be removed with a mild abrasive pad such as a **Scotch-Brite™ scouring pad** or **Mr. Clean® Magic Eraser® without soap** or **Klingspore Sandflex hand block - Fine**. Use the pad to remove the mark, and then **clean the surface using the mild soap solution**. Rinse the surface thoroughly with a clean damp soft cloth.

NOTE: Anodized extrusions cannot be touched-up.

TIPS

Cleaning should be part of a regular maintenance program in coastal areas where the finish is exposed to salt spray or in areas containing heavy industrial pollutants.

ACCEPTABLE CLEANING SOLUTIONS

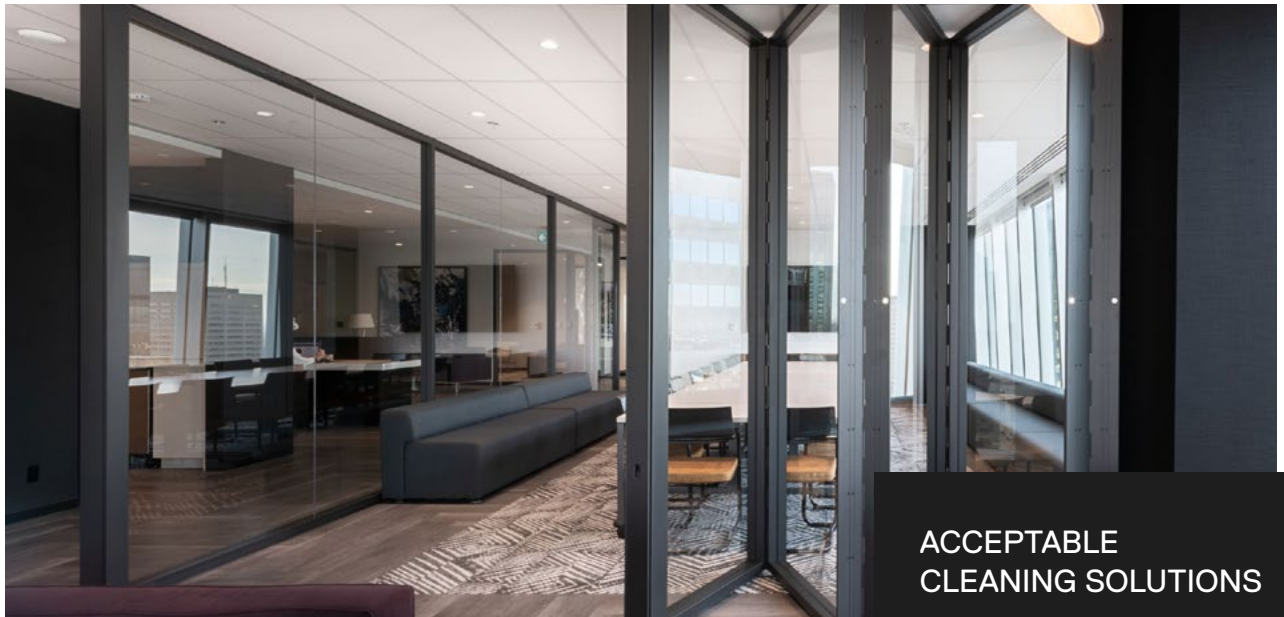
- Mild soap
- Commercial cleaning agents safe for bare hands
- Soft cloth, sponge, or brush

CLEANING SOLUTIONS FOR REMOVING MARKS

- Scotch-Brite™ scouring pad
- Mr. Clean® Magic Eraser® without soap
- Klingspore Sandflex hand block - FineSoft cloth, sponge or brush

AVOID

- Strong acidic or alkaline cleaners



POWDER COATED EXTRUSIONS

DIRTT's factory-applied, heat-cured powder coat finishes are durable and very colorfast. To ensure that they retain their original appearance, these highly durable finishes **should be cleaned occasionally**.

STANDARD CLEANING

When selecting a cleaning solution, use **mild soap** solutions that are safe for use with your bare hands such as those cleaning agents that one would use to wash a car. Avoid the use of strong acidic or alkaline cleaners as they may damage the finish.

Do not use ammonia-based cleaners (e.g., Windex®).

CLEANING FOR SEVERELY SOILED SURFACES

Solvents no stronger than mineral spirits or denatured alcohol may be used to remove grease, sealants, or other materials. Never mix cleaners or cleaners and solvents as the resultant mixture can cause harmful or even dangerous results. **DO NOT use abrasive cleaners or materials** such as steel wool or abrasive brushes, which can also damage the surface. Once heavy soil, grease, or sealant is removed, the mild soap solution should be applied with a soft cloth, sponge, or soft brush. Rinse the surface thoroughly with a clean, damp soft cloth.

TIPS

Cleaning should be part of a regular maintenance program in coastal areas where the finish is exposed to salt spray or in areas containing heavy industrial pollutants. For example, cleaning the painted finish can be scheduled as a part of the regular maintenance program for glass cleaning.

REPAIRS

Minor powder-coated surface damage can be sanded prior to touch-up painting with excellent results. For scratches or gouges use a relatively course grit paper to remove the damage, then use progressively finer paper to remove the sanding marks, finishing with a 180 to 220 grit sandpaper.

ACCEPTABLE CLEANING SOLUTIONS

- Mild soap
- Commercial cleaning agents safe for bare hands
- Soft cloth, sponge, or brush

CLEANING SOLUTIONS FOR REMOVING MARKS

- Mineral spirits
- Denatured alcohol

AVOID

- Strong acidic or alkaline cleaners
- Mixing cleaners or cleaners and solvents together
- Abrasive cleaners such as steel wool or abrasive brushes
- Ammonia-based cleaners (e.g. Windex®)

VENEER-WRAPPED EXTRUSIONS

DIRTT's factory-applied veneer is a thin layer of superior wood value or excellent grain that is adhered to an aluminum extrusion.

STANDARD CLEANING

Much like painted surfaces, your veneer-wrapped finish should be cleaned using mild soap solutions to retain its original beauty. **Furniture polish is NOT RECOMMENDED** for veneer-wrapped surfaces. Cleaning agents that are safe for use with bare hands, including most commercial cleaning agents, can be safely used.

The cleaning solution should be **applied with a soft cloth, sponge, or brush**. Avoid the use of strong acidic or alkaline cleaners. Rinse the surface thoroughly with a clean damp soft cloth. **Do not use ammonia-based cleaners (e.g., Windex®).**

REPAIRS

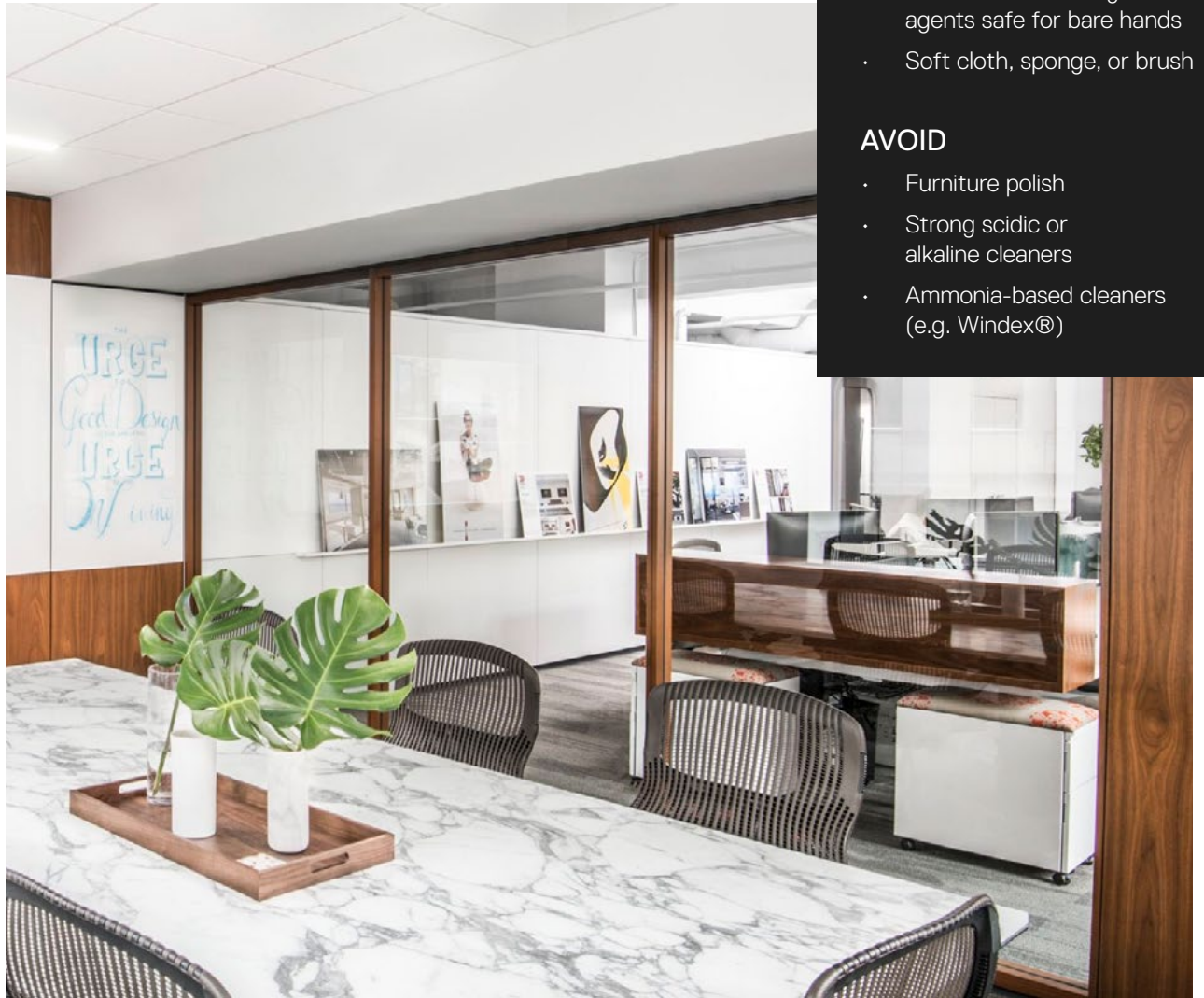
Veneer-wrapped extrusions that receive minor scratches can be repaired with the supplied stain kit. For best results, a trained professional should do this work.

ACCEPTABLE CLEANING SOLUTIONS

- Mild soap
- Commercial cleaning agents safe for bare hands
- Soft cloth, sponge, or brush

AVOID

- Furniture polish
- Strong scidic or alkaline cleaners
- Ammonia-based cleaners (e.g. Windex®)



Field Repairs for Minor Damages Using Touch-up Paint

TOUCH-UP PAINTING

NOTE: Touch-ups are only applicable for Chromacoat, ChromacoatPlus and veneer finishes. For any other type of finishes, contact your DIRTT technician for recommended repair options.

Some damage may occur requiring touch-up work during or after installation. Surface damage can be easily repaired if the damage is small, such as a scratch or rub mark.

Touch-up paint is supplied in small bottles with a built-in brush for easy application and should be applied very sparingly. It is intended to cover small blemishes or to touch-up exposed cut ends on fabricated parts. It is not intended for use on large areas or significant damages.

The touch-up color will closely match the factory-applied painted or stained finish; however, the finish is not as hard, nor performance is the same, as factory-applied finishes. [Add paragraph break here] [Add sub-heading] Touch-ups for Chromacoat Paint:

TOUCH-UP FOR CHROMACOAT PAINT

After cleaning the area to be touched up, wipe the area with denatured alcohol to remove any moisture or cleaning residue and apply the touch-up per the instructions provided with the touch-up kit.

TOUCH-UP FOR CHROMACOAT PLUS PAINT

When touching up Chromacoat Plus Paint finishes, an additional lacquer step is required. Please refer to this video for details:

[ChromacoatPlus Panels On-site Touch-up Instructions](#)

Care and Cleaning Instructions for DIRTT Glass

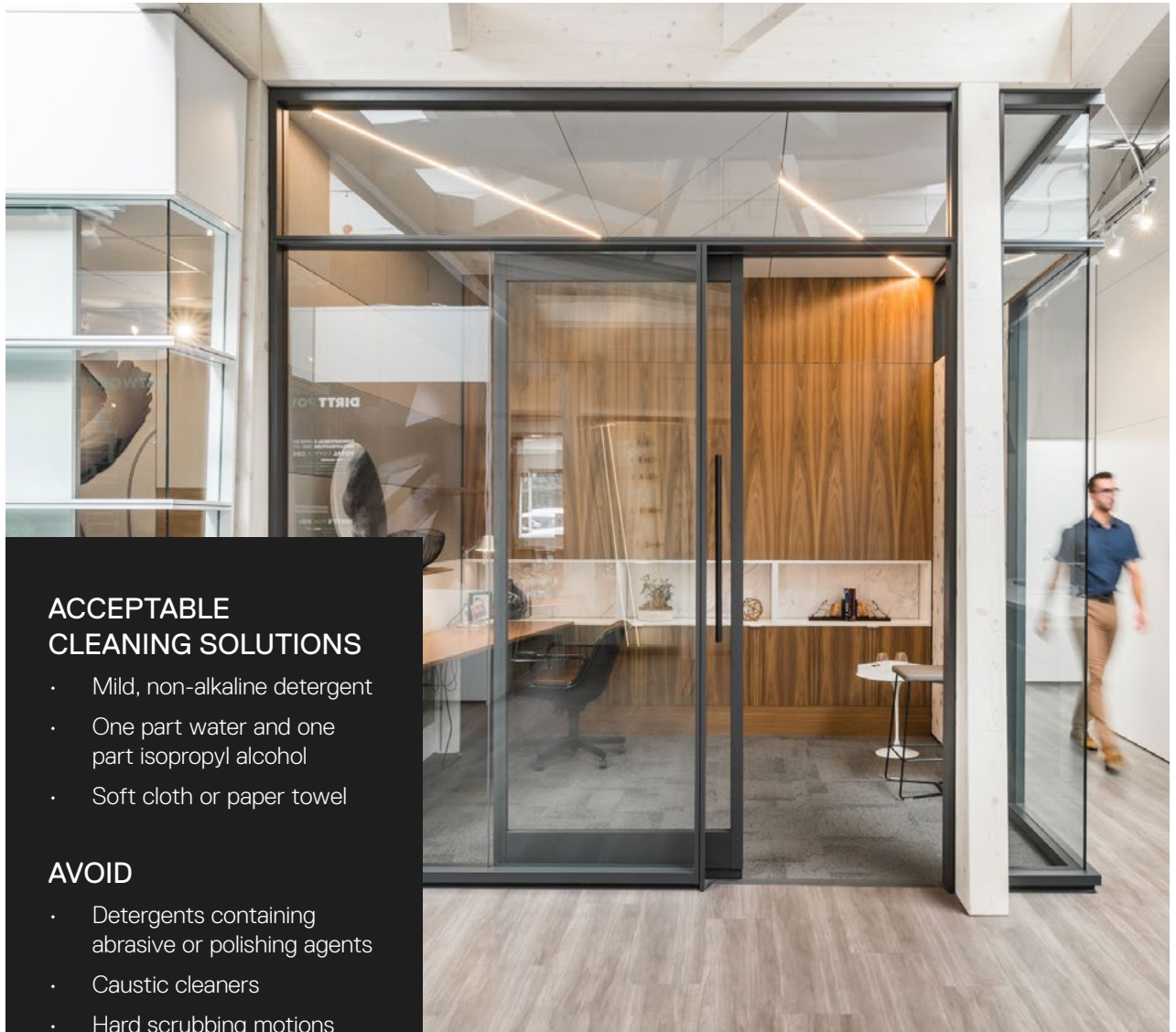
INTERIOR GLASS

Cleaning glass in an interior application requires some delicacy, especially if the surface is etched.

STANDARD CLEANING

Interior glass should be cleaned with a mild, non-alkaline detergent that contains no abrasives or polishing agents to prevent scratches or residue left on the glass. Abrasive or caustic cleaners are not to be used in any application. If the glass surface is etched, the cleaning process should be done delicately to prevent patchiness on the etched surface.

Wipe the glass until dry using a soft cloth or paper towel, removing any streaks that may have formed. Liquids left on the glass may cause staining. If any contaminants remain on the glass, a solution of one part water and one part isopropyl alcohol can be used to remove it. This works well with sticky materials. Use light to moderate pressure as excessive pressure or hard scrubbing motions may damage the glass surface. **Do not use ammonia-based cleaners (e.g., Windex®).**



ACCEPTABLE CLEANING SOLUTIONS

- Mild, non-alkaline detergent
- One part water and one part isopropyl alcohol
- Soft cloth or paper towel

AVOID

- Detergents containing abrasive or polishing agents
- Caustic cleaners
- Hard scrubbing motions



CORNING® WILLOW® GLASS

Corning® Willow® Glass is laminated over DIRTT's waterborne painted finish on MDF. This provides the ability to print on the underside of the Willow Glass while retaining standard MDF panel mounting components, colors, and finish options.

STANDARD CLEANING

Corning® Willow® Glass should be cleaned with a mild, non-alkaline detergent that contains no abrasives or polishing agents to prevent scratches or residue left on the glass. Abrasive or caustic cleaners are not to be used in any application.

Wipe the glass until dry using a soft cloth or paper towel, removing any streaks that may have formed; liquids left on the glass may cause staining. If any contaminants remain on the glass, a solution of one part water and one part isopropyl alcohol can be used to remove it. This works well with sticky materials. Use light to moderate pressure as excessive pressure or hard scrubbing motions may damage the Corning® Willow® Glass surface. **Do not use ammonia-based cleaners (e.g., Windex®).**

ACCEPTABLE CLEANING SOLUTIONS

- Mild, non-alkaline detergent
- One part water and one part isopropyl alcohol
- Soft cloth or paper towel

AVOID

- Detergents containing abrasive or polishing agents
- Caustic cleaners
- Hard scrubbing motions

Care and Cleaning Instructions for DIRTT Panels

WRITEAWAY FILM

DIRTT's WriteAway panels are a high-gloss PVC film, laminated with a polyester writing surface, using a proprietary formulation that ensures optimized stability and resistance to UV degradation. The film is prepared to act as a writable surface.

DAILY CLEANING

Use a soft cloth or sponge with soap and water. Rinse the surface thoroughly with a clean, damp, soft cloth. DIRTT currently recommends using a plain microfiber cloth for removing remnants of dry markers. For information, see [WriteAway Care and Maintenance](#).

STANDARD CLEANING

Mild detergent and water can be used for general cleaning purposes, applied with a thick microfiber towel. For more aggressive cleaning, a degreasing agent may be used to remove permanent markers. Moderate scrubbing can be applied without affecting the surface finish. **DO NOT use ammonia-based cleaners (e.g., Windex®)** as they leave a film behind that will affect the writability of the surface. **DO NOT use applicators with a rough texture**, such as scouring pads or sandpaper. Up to a 30% bleach solution may be utilized if required for your space. Up to a 30% bleach solution may be utilized if required for your space.

Please visit the [WriteAway website](#) for further specifications.



ACCEPTABLE CLEANING SOLUTIONS

- Mild detergent and water
- Lint-free cloth
- [WriteAway Cleaner](#)
- Up to 30% bleach solution if required

AVOID

- Ammonia-based cleaners
- Applicators with rough texture
- EXPO dry board eraser
- Scouring pads
- Sandpaper
- Mr. Clean® Magic Eraser®

MAGNETIC MARKER BOARDS

Magnetic Markerboards should be cleaned with a soft cloth or sponge using soap and water. Do not use strong acidic or alkaline cleaners. **DO NOT** use abrasive cleaners or materials such as steel wool or abrasive brushes, which can harm the surface. Rinse the surface thoroughly with a clean damp soft cloth.

Use a soft cloth or sponge with soap and water. Rinse the surface thoroughly with a clean, damp, soft cloth. DIRTT currently recommends using the **Quartet® Ghostduster** eraser for removing remnants of dry markers.



ACCEPTABLE CLEANING SOLUTIONS

- Mild soap and water
- Soft cloth or sponge

AVOID

- Abrasive cleaners or brushes
- EXPO dry board eraser
- Steel wool
- Strong acidic or alkaline cleaners

Care and Cleaning Instructions for DIRTT Painted Panels

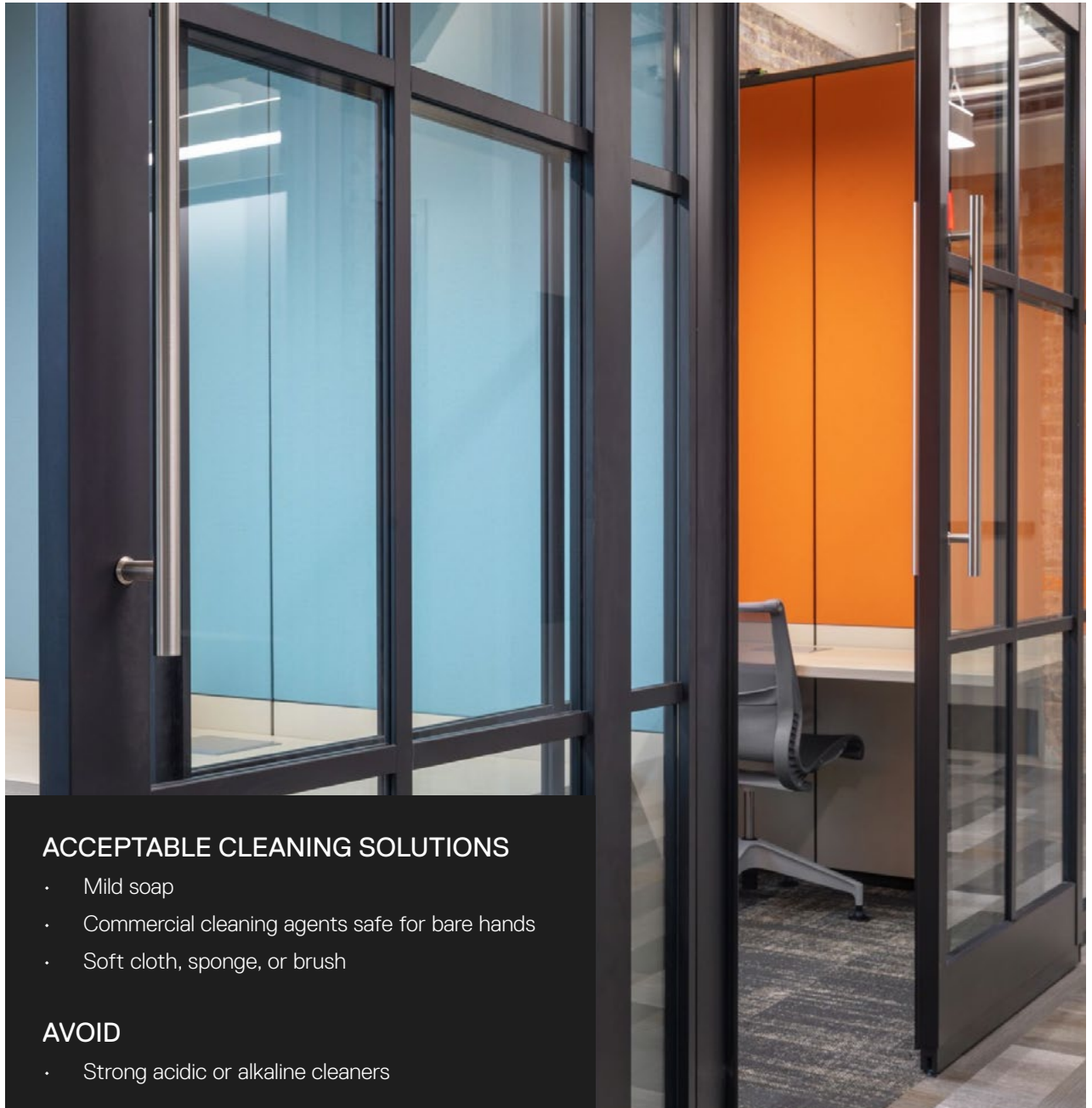
CHROMACOAT

Chromacoat is DIRTT's waterborne finish. It is applied in the factory and produces fewer volatile organic compounds (VOC) than low-VOC latex. Unlike buckets of on-site applied paint, chromacoat requires only one coat.

STANDARD CLEANING

Painted surfaces should be cleaned using mild soap solutions.

The cleaning solution should be **applied with a soft cloth, sponge, or brush**. Avoid the use of strong acidic or alkaline cleaners. Rinse the surface thoroughly with a clean, damp, soft cloth. **Do not use ammonia-based cleaners (e.g., Windex®).**

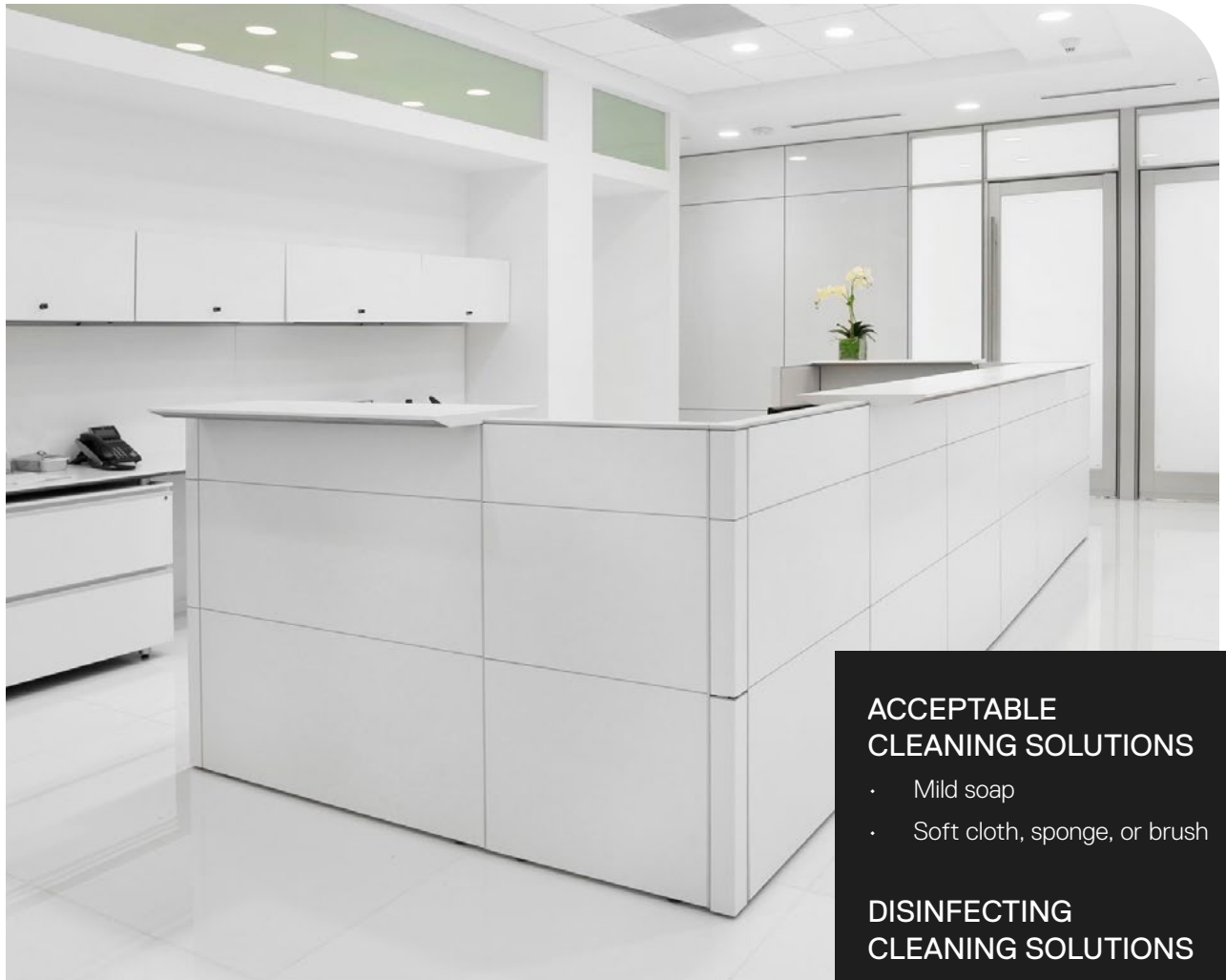


ACCEPTABLE CLEANING SOLUTIONS

- Mild soap
- Commercial cleaning agents safe for bare hands
- Soft cloth, sponge, or brush

AVOID

- Strong acidic or alkaline cleaners



ACCEPTABLE CLEANING SOLUTIONS

- Mild soap
- Soft cloth, sponge, or brush

DISINFECTING CLEANING SOLUTIONS

- Strong acidic or alkaline cleaners

CHROMACOATPLUS

DIRTT's ChromacoatPlus is a highly durable, cleanable, and sustainable choice for painted surfaces. This is a waterborne, modified-polyurethane, textured finish with a clear topcoat. It gives DIRTT panels an aesthetic similar to latex paint but with added durability to withstand increased cleaning and disinfecting requirements. DIRTT ChromacoatPlus paint is sprayed on, then a topcoat is rolled on and UV-cured in the factory.

STANDARD CLEANING

Painted surfaces should be cleaned using mild soap solutions.

The cleaning solution should be **applied with a soft cloth, sponge, or brush**. Rinse the surface thoroughly with a clean damp soft cloth. **Do not use ammonia-based cleaners (e.g., Windex®).**

NOTE: Only the front face of the ChromacoatPlus should be cleaned. It is not recommended to clean edges of the panel, as they are not sealed.

DISINFECTING CLEANING

Standard/all-purpose disinfectant solutions can be safely used. The cleaning solution should be applied with a soft cloth, sponge or brush. A 10% bleach solution can be used on ChromacoatPlus, applied with a soft cloth or sponge. Before using the mixture on an entire surface, pretest on a non-visible area.

NOTE: Testing reports, details, and approvals are available upon request.

Care and Cleaning Instructions for DIRTT Fabrics

STANDARD FABRIC

DIRTT standard fabric panels contain 100% Eco Intelligent® Polyester fabric. Depending on the specific style, the fabric can be cleaned following either the “WS” or “SW” cleaning codes listed below. Check the DIRTT website for fabric specifications.

NOTE: Customer’s Own Material (COM) fabrics may require alternative care methods.



CODE “WS” CARE METHOD

To prevent overall soiling, frequent vacuuming or light brushing to remove dust and grime is recommended. Spot clean, with a mild solvent, an upholstery shampoo, or the foam from a mild detergent. When using a solvent or dry-cleaning product, follow instructions carefully and clean only in a well-ventilated room. Avoid any product which is highly toxic. With either method, pretest a small area before proceeding. Use a professional furniture cleaning service when an overall soiled condition has been reached.

CODE “SW” CARE METHOD

Spot clean with upholstery shampoo, foam from a mild detergent, or mild dry-cleaning solvent. Pretest a small, inconspicuous area before proceeding. Do not saturate. Pile fabrics may require brushing with a non-metallic, stiff-bristle brush to restore appearance. Hot-water extraction or steam cleaning is not a recommended cleaning method. Cushion casings should not be removed and laundered or dry cleaned. To prevent overall soiling, frequent vacuuming or light brushing with a non-metallic, stiff-bristle brush to remove dust and grime is recommended. When cleaning a spill, blot immediately to remove spilled material. Clean spots or stains from the outside to the middle of affected area to prevent circling. Use a professional overall soiled condition has been reached.

CODE “S” CARE METHOD

To prevent overall soiling, frequent vacuuming or light brushing to remove dust and grime is recommended. Spot clean using a mild water-free solvent or dry-cleaning product. Clean only in a well-ventilated room and avoid any product containing carbon tetrachloride, which is highly toxic. Pretest small area before proceeding. Cleaning by a professional furniture cleaning service is recommended.

CODE “W” CARE METHOD

Use water-based upholstery cleaner only.

CODE “XS” CARE METHOD

Clean this fabric only by vacuuming or light brushing to prevent accumulation of dust or grime. Water-based foam cleaners or solvent-based cleaning agents of any kind may cause excessive shrinking, staining or distortion of the surface pile and, therefore, should not be used. A word of caution on cleaning: never remove cushion covers or arm caps for separate cleaning. It may destroy the backing, cause shrinking and color changes.

TACKABLE FABRICS

Clean tackable panel fabrics as specified above, but ensure the tackable panel is not saturated, which can seriously damage the tackable substrate.

ACCEPTABLE

- Mild solvent or detergent
- Upholstery shampoo

AVOID

- Highly toxic products

ACCEPTABLE

- Upholstery shampoo
- Mild detergent or mild dry-cleaning solvent
- Vacuuming
- Non-metallic stiff bristle brush

AVOID

- Hot water or steam

ACCEPTABLE

- Mild detergent or mild dry-cleaning solvent
- Vacuuming

AVOID

- Carbon tetrachloride products

ACCEPTABLE

- Mild detergent or mild dry-cleaning solvent
- Vacuuming

AVOID

- Water-based foam
- Solvent cleaning agents



Care and Cleaning Instructions for other DIRTT Surfaces

THERMOFOIL

Thermofoil is a good choice for healthcare and java center applications because it is seamless, easy to clean and impervious to staining.

STANDARD CLEANING

To clean Thermofoil use a mild detergent or soap (sparingly) and water. Never use anything abrasive or powered agents to clean a Thermofoil finish as this can cause scratching. Always use a cotton cloth or non-abrasive sponge. **Do not use ammonia-based cleaners (e.g., Windex®).**

CLEANING FOR SEVERELY SOILED SURFACES

To remove stubborn stains such as makeup or ball-point ink, place a cloth or damp sponge with a 70% isopropyl alcohol on top of the stain for 30 minutes. After 30 minutes, remove the cloth or sponge and wipe.

Place a bag of ice on top of chewing gum or wax spills until you can crumble it off.

To disinfect Thermofoil surfaces, a mixture of one part bleach to nine parts water can be used on most Thermofoil surfaces. Before using the mixture on an entire surface, be sure to test it on a non-visual spot.

Cleaners to avoid include: any abrasive cleaner; most solvent-based cleaners and harsh chemicals, any cleaner in combination with a brush, cleaners containing ammonia, and baking soda.

If a harsh chemical is spilled on a thermofoil surface, wipe it up immediately. Wash the surface with soapy water and rinse several times. Thermofoil products are not intended for use as cutting surfaces; always use a cutting board. Do not place hot items from a stove directly onto surface.

ACCEPTABLE CLEANING SOLUTIONS

- Mild soap or detergent
- Cotton cloth or non-abrasive sponge
- One part bleach to nine parts water mixture

AVOID

- Abrasive or powered agents
- Solvent-based cleaners
- Harsh chemicals
- Ammonia

CLEANING SOLUTIONS FOR REMOVING MARKS OR BAD STAINS

- 70% isopropyl alcohol
- Damp sponge, or cloth



PVC ZIPPERS AND WALL TRIMS

PVC should be cleaned using mild soap solutions. Products that are safe for use with bare hands including most commercial cleaning products can be safely used. Solvents no stronger than mineral spirits or denatured alcohol may be used to remove grease or marker residue. Never mix cleaners and solvents as the resultant mixture can cause harmful or even dangerous results. Do not use abrasive cleaners or materials such as steel wool or abrasive brushes, which can harm the surface.

The cleaning solution should be applied with a soft cloth, sponge or brush. Avoid the use of strong acidic or alkaline cleaners. Rinse the surface thoroughly with a clean damp soft cloth.

ACCEPTABLE CLEANING SOLUTIONS

- Mild soap
- Commercial cleaning agents safe for bare hands
- Soft cloth, sponge, or brush

AVOID

- Abrasive cleaners and brushes
- Steel wool
- Strong acidic or alkaline cleaners

Care and Cleaning of Door Hardware

LACQUERED OR CLEAR-COATED FINISHES

Door hardware with lacquered or clear-coated finishes should be wiped with a soft, damp cloth. A mild soap may be lightly used if very dirty. Particular care should be taken to avoid paint smears, thinners, and strong cleaning agents as they will quickly destroy the protective coatings and subject the finish to rapid oxidation and discoloration. Initial care for finishes requires only periodic cleaning with mild non-abrasive soap and light buffing with a soft cloth.

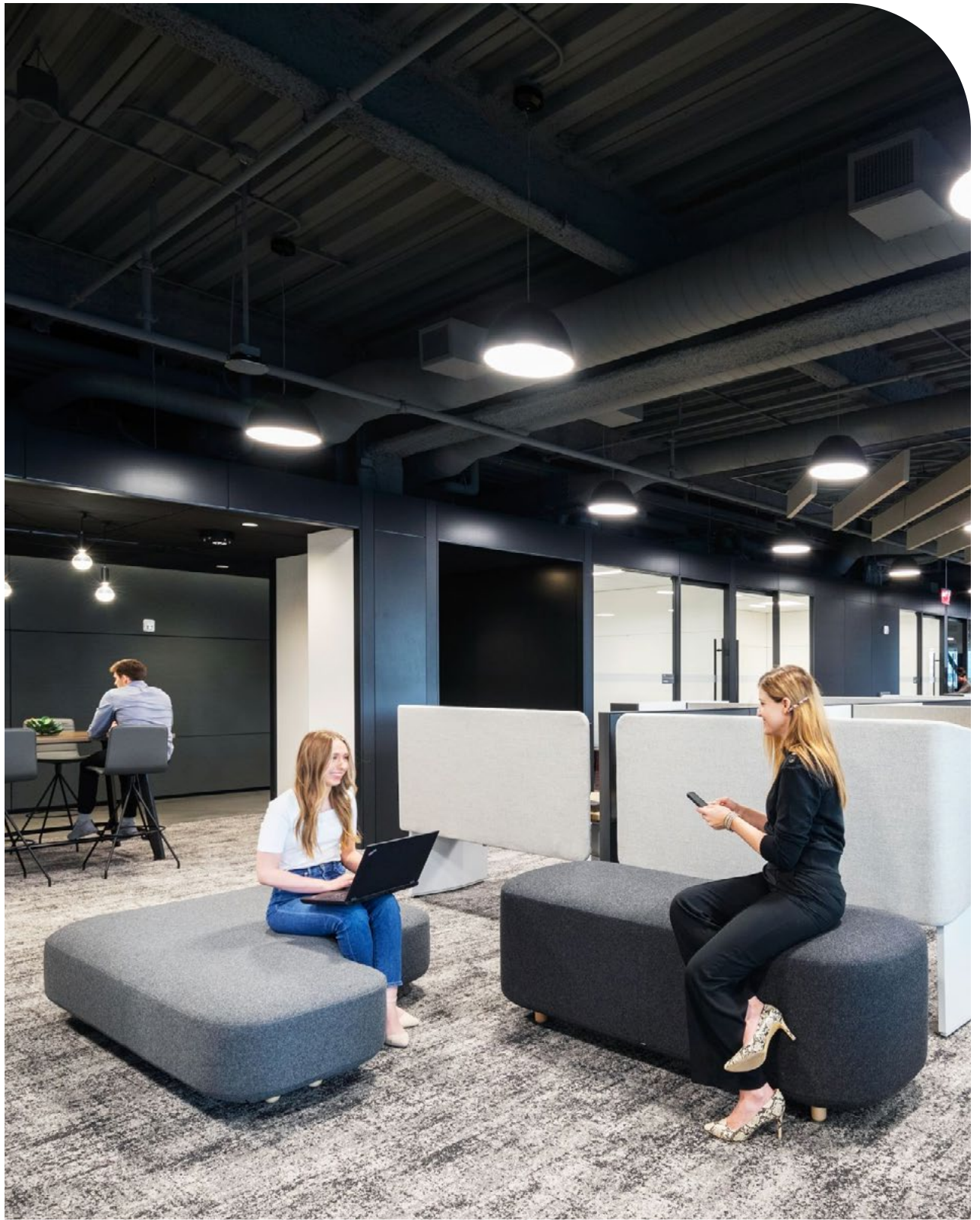
BRIGHT CHROME OR SATIN CHROME FINISH

Door hardware with bright chrome or satin chrome finishes should be wiped with a soft damp cloth. A high-grade chrome polish may be used according to directions to clean and restore the original shine and satin finish.

DIRTT DOORS

Annual inspections of DIRTT doors including track and base roller guides, pivots, and closers is recommended to identify any premature wear problems.





DIRTT Limited Warranty

DIRTT Environmental Solutions, warrants the products sold to be free from defects in material and workmanship in normal use and service. Reference these [Warranty Details](#) and [Standard Terms and Conditions](#).

