



cleaning,  
disinfecting &  
maintenance

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DARRAN partnered with the global leader in wood coatings to introduce Welltech Urethane Finish in August 2021. This coating exceeds today's cleaning protocols, environmental standards, indoor air quality and assists with LEED requirements. Welltech Finish delivers a superior furniture coating with exceptional performance that can withstand stringent cleaning agents and possesses unparalleled durability, allowing DARRAN to provide lasting, sustainable products to our customers.

Welltech Urethane Finish provides one of the industry's leading high-end coatings that offer chemical resistance throughout the product's life. Welltech can be disinfected with Clorox (undiluted), Virex, EcoLab, Lysol, H2O2, Rubbing Alcohol, and can withstand hand sanitizers. It will also protect against water spots from spills or glass rings, heat marks from pizza boxes or hot coffee, and provide excellent resistance to scratches and indentations.

We train our finishing team to prepare the wood and apply stain applications accurately to enhance the natural characteristics in wood that make the finished product stand out. Welltech Finish offers the color depth, consistency, and long-term color stability through multi-step color applications. Our topcoat is a low-emitting, semi-open pore, 25 sheen topcoat that ensures lasting beauty.

Welltech Finish Technology is proven to be an excellent choice when looking for a finish that exceeds performance testing. The luxurious topcoat is a smooth satin sheen that enhances natural wood yet provides a long-lasting durable finish. Five tests were completed to examine colorfastness, hardness, imprinting, topcoat thickness, plasticizer migration, and water markings from boiling water. Welltech exceeded standards passing in each test performed. Focusing on quality is essential even on the minor hidden details, giving customers sustainable products that last.

### **Welltech benefits:**

- Elegant open-pore 25 satin sheen
- Exceptional hardness and clarity
- Resistant to many solvents and chemicals used to disinfect and protect against COVID-19
- Plasticizer migration resistant
- Excellent UV inhibitors for maximum color retention
- Exceeds current and proposed future federal and state air quality requirements
- Dynamic chamber emissions tested and certified compliant to ANSI/BIFMA X 7.1 standard / LEED standard for low VOC

# Welltech Testing

- Step 1 Surface is prepared by cleaning with a clean damp cloth (distilled water)
- Step 2 After the surface is dry; a sheen reading is taken with the sheen meter and recorded
- Step 3 A 1" square 100% cotton cloth is saturated with the reagent
- Step 4 A 2" diameter watch glass is then placed over the saturated cloth
- Step 5 Reagent is left on the surface for 24 hours
- Step 6 After 24 hours, the watch glass and cloth are removed
- Step 7 The area is wiped with a clean cloth and distilled water
- Step 8 The surface is allowed to air dry for 1 hour
- Step 9 A sheen reading is taken and recorded
- Step 10 Any color variation is recorded
- Step 11 If the test failed, the previous steps were repeated, but only for a 12hr duration. If that failed, we tested 8hr, 4hr, and lastly 15min. in order to find the failure point.

## test results

1mL of each disinfectant was placed on the panel, covered with a chemical watch glass, and monitored for 24 hours. The glass was removed, and the areas were cleaned and reviewed to see if there were any markings left from the disinfectant. These areas were checked after 72 hours to see if there were any changes.

No color variation is allowed. The surface cannot be tacky or soft compared to the unreacted surface. No cracking or crazing is permitted. For an initial gloss reading of greater than 20, a 25% gloss change is acceptable. For an initial gloss reading less than or equal to 20, a gloss change of up to 5 is sufficient.

Cleaning Agent	72 hr
Isopropyl Alcohol	Pass
H2O2	Pass
Lysol Disinfectant Cleaner	Pass
Bleach Full Strength	Pass
Bleach Diluted 10:1	Pass
Virex 256	Pass
Ammonia 16:1	Pass
Quaternary Ammonium	Pass
3M TB Quaternary	Pass
Purell Hand Sanitizer	Pass
Ecolab A-456	Pass
Simple Green	Pass
Oxycide	Pass
Pledge Antibacterial Cleaner	Pass
CaviCide	Pass

# Disinfecting

Cleaning guidelines and methods vary between materials. Listed below are recommendations for surfaces.

## **veneer & wood**

Before disinfecting surfaces, it is recommended that the surface be free of dirt, grease, and other debris. Please follow cleaning guidelines before disinfecting surfaces. We recommend Clorox<sup>®</sup> Disinfecting Wipes. Products that shipped prior to August 2021 and are not Urethane should not be disinfected daily. Warm water and soap should be used instead.

## **thermally fused laminate**

Disinfect with Clorox wipes and Clorox spray. When using Clorox bleach, dilute with a half cup of bleach per gallon of water. Isopropyl alcohol is another disinfecting option, dilute isopropyl alcohol 3 to 1 (alcohol-water) for 70% concentration. Hydrogen Peroxide must also be diluted, depending on the concentrate solution. Use at a maximum of 1%. Use cleaning products as directed by the product label.

## **high pressure laminate**

Using commercial disinfecting wipes and spray is the simplest way to disinfect laminate surfaces. Please use the following branded cleaners to disinfect high pressure laminate: Beckart Environmental, Inc., Benefect<sup>®</sup>, Claire<sup>®</sup> Germicidal Cleaner (Country Fresh Scent), Claire<sup>®</sup> Disinfectant Spray Q (Country Fresh Scent), Clean Republic – All Purpose Everyday Cleaner (Hypochlorous Acid – 0.003% Solution), Clorox<sup>®</sup> Anywhere<sup>®</sup> Hard Surface Sanitizing Spray, Clorox<sup>®</sup> Clean-Up (Cleaner & Bleach), Clorox<sup>®</sup> Disinfecting Bleach w/6% Sodium Hypochlorite (24:1/Water:Bleach), Clorox<sup>®</sup> Disinfecting Spray, Clorox<sup>®</sup> Disinfecting Wipes, Clorox Healthcare<sup>®</sup> Hydrogen Peroxide Cleaner Disinfectant, Clorox Healthcare<sup>®</sup> VersaSure<sup>®</sup> Cleaner Disinfectant Wipes, Clorox<sup>®</sup> Total 360 Disinfectant Cleaner, Diversey<sup>™</sup> Expose<sup>®</sup> II 256, Diversey<sup>™</sup> Oxivir 1, Diversey<sup>™</sup> Oxivir Tb Wipes, Diversey<sup>™</sup> Stride<sup>®</sup> Floral Neutral Cleaner, Diversey<sup>™</sup> Virex<sup>®</sup> II 256, Fabuloso<sup>®</sup> Complete (Multi-Purpose Cleaner), Lysol<sup>®</sup> Professional Disinfectant Spray, Microban<sup>®</sup> 24 Hour (Multi-Purpose Cleaner), PDI Sani-Prime<sup>®</sup> Germicidal Spray, PDI Super Sani-Cloth<sup>®</sup> Germicidal Disposable Wipes, Purell<sup>®</sup> Advanced Hand Sanitizer Gel, Purell<sup>®</sup> Food Service Surface Sanitizer, Purell<sup>®</sup> Professional Surface Disinfectant, Purell<sup>®</sup> Healthcare Surface Disinfectant, Simple Green<sup>®</sup> Concentrated (All-Purpose Cleaner), Spic and Span<sup>®</sup> Everyday (Antibacterial Cleaner).

## **metal finishes**

To disinfect metal and powder coat surfaces use a non-bleach or ammonia commercial cleaner like Simple Green<sup>®</sup> Cleaner Finish<sup>®</sup> Spray Disinfectant; please follow the cleaner's instructions. Clean with mild soap and water mixture. Dry with a soft cloth. Do not use waxy polish or cleaner, ammonia, or chemical solvents. For metal hardware, we recommend CIF by Unilever. Dry with a soft cloth.

# General Cleaning

In addition to regular dusting, DARRAN products can be cleaned with a soft cloth, mild soap, and warm water mixture. Use approximately 32 oz of water mixed with one tablespoon of dish soap. Dry with a soft cloth to avoid spotting or streaking. For wood products, clean and dry with the grain. Never saturate the surface with the soapy water solution. It is recommended the surface be rinsed with clear water and then dried with a soft cloth.

The following surfaces can be cleaned with a soapy water mixture:

- Veneers and Solid Woods
- HPL Laminate
- TFL Laminate
- Solid Surfaces
- Metal Surfaces & Hardware (Power-coat or Painted)
- Acrylic & Glass Panels
- Acoustic PET

## acrylic & glass

Care must be taken when cleaning Acrylic Panels and glass to avoid fine scarring or scratching. A 1-part bleach to 5-parts water solution can be used as a disinfectant. Cleaners such as Novus #1® or Brillianize® can also be used. Never use a cleaning solution that contains ammonia to clean acrylic panels. Repeated use of a bleach solution may cause a haze to form on the surface of acrylic panels, especially on clear panels. An alternative solution is using a warm mild soapy solution with a microfiber cloth, rinsing, and drying with another microfiber cloth. Wipe dry.

## acoustic PET

If visible dust or dirt is embedded in the material, use a bristle brush to loosen it. Avoid excess pressure. Vacuum loose dust and dirt thoroughly from the material. To remove stains, saturate a lint-free cloth with a mild detergent or soap and water solution. Gently pat the stain starting from the outer edge and moving inward. If required, get another cleaning cloth and repeat the procedure until there is no more transfer of dirt to the cloth. Once the stain is removed, soak up all remaining cleaning solution with a dry cloth. Use a clean cloth or sponge soaked in water to remove any other residue. Allow the surface to air dry.

## fabric & leather

Refer to the upholstery card or supplier's website for appropriate cleaning instructions.

## solid surfaces

Solid surfaces can be cleaned daily with a damp cloth and mild cleanser. For spills and stains, use a full-strength bleach (2-5 minutes), followed by a general cleanser and clean water. Disinfect the surfaces with 1-part household bleach to 10-part water, wipe down the surface and allow the surface to remain wet for at least 5 seconds, rinse the surface, and wipe or blot dry with a soft cloth.

# Care & Maintenance

DARRAN understands the importance of high-performing furniture protection and provides one of the industry's leading high-end coatings with Welltech. However, real finish beauty is only achieved through proper wood preparation and color applications. Our products offer color depth, consistency, and long-term color stability. The Welltech finish ensures lasting beauty and chemical resistance throughout the life of the product with little maintenance:

- Use a protective pad when writing with pressure can scratch or dent wood
- Use spacers with glass top to allow wood to breathe
- Remove liquid spills immediately using a blotting, rather than wiping motion
- Do not use furniture polish containing oil, wax, or silicone, which can produce oily film or haze
- Dust regularly, with the occasional thorough cleaning
- Avoid direct sunlight to prevent fading
- Avoid high humidity, extreme temperatures, and moisture to prevent warping
- Move accessories around periodically to avoid aging
- Use felt pads or other protective surfaces under desk accessories

# Limited Lifetime Warranty

DARRAN warrants that each piece of furniture manufactured in its North Carolina Facilities will be free from defects in material and workmanship for as long as the original purchaser owns and uses the product. Subject to the limitations and exclusions listed here, DARRAN, at its discretion and as the sole remedy under the DARRAN Limited Lifetime Warranty, will replace or repair a defective product or components with a comparable product or components free of charge.

Because of the natural characteristics of wood, some variation of grain and color is to be expected and is not considered a defect. Identical pieces of wood may appear

to be different shades based on the angle of light reflecting off the surfaces. Through rigid veneer specifications, DARRAN makes every effort to acquire veneers of like grain and color to minimize these natural variations if possible. DARRAN does not guarantee the exact matching of grain, pattern, and color.

We want our customers to be completely satisfied with your DARRAN products. If a problem concerning a DARRAN product arises outside the scope of the DARRAN Limited Lifetime Warranty, we will make our best effort to work with you and our authorized dealer to resolve the manner fairly. For warranty information regarding specific products, please reference the

For more detailed information on DARRAN's Limited Warranty, including components not manufactured by DARRAN, please contact your DARRAN





# Thank You

for choosing us

Established in 1977, we are experts in furniture manufacturing with a unique built to order process. Each piece is individually crafted specifically for you. With proper care, your DARRAN furniture will provide years of trouble-free service while maintaining the beauty and