

CARE & MAINTENANCE

Maintenance for Operating Components (drawers, doors)

Cleaning

Invincible™ metal products are covered by a Lifetime Warranty. Invincible™ products are designed and manufactured to the highest quality standards. To insure your products provide you with a lifetime of service, simple annual maintenance is required.

Vertical file cabinets equipped with cradle suspension systems – **Annually** drawers and cradle assemblies should be removed. Suspension channels or “drawer runs” (metal channels the cradle assembly rolls in) should be wiped out with a soft, damp cloth to remove dust, dirt, or oil, and to remove any buildup of matter from roller surfaces. NO LUBRICATION is necessary.

Vertical files, pedestal files and lateral files – **Annually** files equipped with progressive suspensions should be inspected. Visible build-up of grease, grit, sand, dirt or any foreign matter should be wiped from roller “raceways” (channels that steel ball-bearings roll in) with a clean cloth. Suspensions should not be removed from the file.

Alignment

Invincible™ storage cabinet hinges require no specific maintenance. On occasion hinges may require minor adjustment to insure doors remain aligned and do not rub against their frame. A standard Phillips screw driver is all that you need to make alignment adjustments. Should you require assistance in aligning storage cabinet doors, contact Invincible™ Customer Service at 1-877-682-4601.

Laminate Surfaces (recommendations from Wilsonart)

Cleaning Tips

To clean the surface, use a damp cloth or sponge and a mild soap or detergent. Difficult stains such as coffee or tea can be removed using a mild household cleaner and baking soda; mixing to achieve a paste consistency. Use a stiff nylon bristle brush, scrubbing (approx. 15-20 strokes) the affected area. Do not scrub so as to mar (damage, scratch) the surface finish.

Stubborn stains that resist any of the above cleaning methods may require the use of undiluted household bleach or nail polish remover. Use a cotton ball saturated with bleach or nail polish remover (acetone), gently rub the stain for up to two minutes. Rinse thoroughly with warm water and wipe dry using a soft cloth. This step may be repeated if the stain appears to be going away and the color of the laminate has not been affected.

WARNING: Prolonged exposure of the laminate surface to bleach will cause discoloration. Always rinse laminate surfaces after cleaning! Failure to rinse after cleaning can cause damage; even if a small amount of cleaning solution remains on the surface. A dry residue may be invisible; however, moisture from cups or drinks can reactivate it, and result in permanently etched scars or stains over time.

Recommended Household Cleaners:

Clorox®*	Windex®
Formula 409®	Lestoil®
Dawn®	Pledge®
Glass Plus®	Grease Relief®
Dow Bathroom Cleaner with Scrubbing Bubbles™	Lysol® Brand Disinfectant Basin / Tub / Tile Cleaner
Fantastik®	Mr. Clean®
Favor®	TOP JOB®

* Prolonged exposure can mar the surface

Few Notes of Caution

Acidic or **abrasive** cleaners can damage laminate surfaces; do not use them. Drain cleaners containing lye will permanently damage the laminate surface. If you spill a drain cleaner, wipe it up immediately and rinse several times with water.

Hair, textile and food **dyes** can cause permanent stains. If dye should happen to spill, wipe it up immediately with dishwashing detergent or an all-purpose cleaner.

Wipe spills away promptly and rinse several times with water.

Rust removers contain harsh chemicals, which will quickly cause permanent damage. If a spill occurs, wipe off all residue immediately, wash thoroughly with soapy water and rinse several times.

Steel wool and other abrasive pads will damage the laminate face. Do not use them for cleaning and don't store steel wool pads on your countertop; the metal can rust and leave stains.

Toilet bowl cleaners contain harsh chemicals that can cause permanent damage. If spills occur, wipe up immediately, wash surface with soapy water and rinse several times.

The cleaners listed below can cause damage to the surface of laminate:

Chemical Ingredient	Synonymous Names
Hydrochloric Acid	<i>Muriatic Acid Hydrogen Chloride</i>
Sulfuric Acid	<i>Oleic Acid Oil of Vitriol Oleum</i>
Hydrofluoric Acid	<i>Rust Remover</i>
Phosphoric Acid	<i>Rust Remover</i>
Sodium Hydroxide	<i>Caustic Soda Caustic Lye Soda Lye</i>
Pumice (abrasive)	

Remember, sharp objects can damage the surface of Wilsonart Laminate, marring its beauty and lowering wear and stain resistance. Although high pressure laminates are somewhat resistant to scratch and marring, the surface can be damaged, even under normal use.

Wilsonart Laminate may need occasional dusting depending on where it's used. To keep the surface beautiful, use a non-oily furniture spray. (Remember to clean the spray off several times a year to prevent build-up.) Furniture polish can also help hide fine scratches in the surface.

Should you need help, please call the **Wilsonart toll free Hotline at 800-433-3222**.

Painted Steel Surfaces

Understanding the Surface

All Invincible™ steel products are finished using a very durable powder coat paint process. Steel parts are processed through an industrial washer to remove oil and organics from the surface while applying an iron phosphate conversion coating to promote adhesion and corrosion resistance as a pre-paint treatment. In addition, parts are rinsed with a non Chrome Sealer to aid in paint adhesion and minimize under film corrosion and blistering. The surface is then painted with a Hybrid Powder coat paint and cured at high temperature. The result is Invincible™ products have one of the best and most durable finishes in the industry.

Cleaning Tips

For normal cleaning, wash coated metal surfaces with a damp soft cloth using mild detergent and warm water; rinse thoroughly and dry. Remove scuff marks from low-gloss coatings with pre-softened paste wax, following the manufacturer's instructions. Remove scuff marks and scratches from high-gloss coatings using automotive polishing compounds, either liquid or paste. Use care as polishing compounds can scratch or "wear" through the paint surface. After polishing, apply a pre-softened automotive paste wax to restore original sheen.