

C.R. LAURENCE CO., INC.

GENERAL INFORMATION AND MAINTENANCE OF STAINLESS STEEL GLASS RAILING AND HANDRAIL PRODUCTS

CARE AND CLEANING INSTRUCTIONS FOR CRL'S POLISHED AND BRUSHED STAINLESS RAILING SYSTEMS



GENERAL CONSIDERATIONS:

Stainless Steel is a common chromium/nickel alloy steel used in thousands of products from ocean-going craft to tableware. A protective chromium oxide film forms on its surface which gives stainless its superior corrosion-resistant property. When properly maintained, stainless provides excellent luster, strength, and durability. And, in most applications, stainless will not rust or stain, even after many years of service.

However, Stainless Steel is NOT stain or rust proof. Atmospheric conditions, environmental pollution, or even close proximity to a body of water can all be contributing factors to corrosion. Stainless will also discolor, rust or corrode if used in contact with chloride salts, sulfides or other rusting metals.

Proper care and maintenance of stainless in marine environments, polluted surroundings, salted highways, or other situations where stainless may be exposed to corrosive elements will help keep your stainless products beautiful and functional for years to come.

Unfortunately, Stainless Steel does not necessarily remain stainless without periodic maintenance. The best way to remove mild corrosion is with chrome cleaner. Apply like you would a wax, let dry, and rub vigorously to remove spots and restore the luster. On a satin finish you can use a Scotch-Brite pad to remove tougher spots and help restore the original sheen. To ensure lasting beauty, a good quality car wax should be applied.

CARE AND CLEANING:

#8 Polished Stainless Steel (Mirror Finish):

Mirror polished stainless steel finishes should be cleaned with a foam spray cleaner, such as CRL Stainless Steel Polish and Cleaner #CRL841. This product cleans, polishes, and protects stainless steel without hard rubbing and polishing. It resists finger prints, grease and water splatter. Helps preserve the factory finish.

Wipe with a clean, dry cloth, such as CRL Lint-Free Shop Wipes #BX15. These are made with four plies of strong, white paper, and reinforced in both directions with an extra ply of tough nylon. These rugged towels will stand up to the most demanding shop work. BX15 Wipes can absorb many times their weight in liquids, and are virtually lint-free.



Foam cleaners can be used as often as necessary. Such liquid solutions may cloud or scratch polished stainless steel finishes. For periodic maintenance, mirror stainless can be polished with CRL Autosol® Shine #1188AS. Autosol® cleans, restores, and polishes all metal surfaces, and will protect against corrosion and tarnishing. Mild abrasives help to remove built-up tarnish, oxidation, and even rust, leaving behind a protective coating, which helps to condition the metal and protect against corrosion while providing a longer lasting shine. **Do not** use circular motions when polishing.



BRUSHED STAINLESS STEEL (HAIRLINE FINISH):

Brushed stainless steel finishes should be cleaned like mirror polished Stainless Steel, with motions in the same direction as the grain texture. For periodic maintenance, satin stainless steel can be rubbed with an abrasive pad such as CRL #SB7440C Scotch-Brite General Purpose Coarse Hand Pad, CRL #SB7447F Scotch-Brite Ultra Fine Hand Pad, or Scotch-Brite General Purpose Scrubbing Pad #9650. The finish should always be rubbed in the same direction as the grain.



HERE ARE SOME MORE TIPS ON KEEPING YOUR STAINLESS CLEAN AND RUST-FREE:

ALWAYS – Clean stainless frequently with soap and water. Any cleaner safe for glass is usually safe for stainless.

NEVER – Use coarse abrasives like sandpaper or steel wool on stainless. They may actually cause rusting.

NEVER – Clean stainless with mineral acids or bleaches.

NEVER – Leave stainless in contact with iron, steel, or other metals that cause contamination leading to rust or corrosion.

With proper care and maintenance the appearance of your stainless steel railings will last for years.

Visit crlaurence.com for our complete selection of quality cleaning and maintenance products