

## **STAINLESS STEEL CARE & MAINTENANCE**

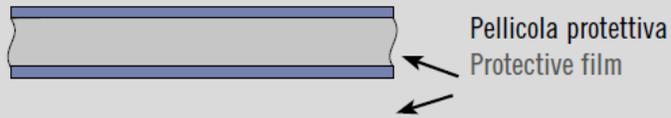
Stainless Steel is generally very corrosion resistant and will perform satisfactorily in most environments. Its resistance primarily depends on the elemental makeup or grade used when exposed to a corrosive environment. AISI 304 grade is primarily used for interior applications, whereas, AISI 316 grade is used more for exterior applications due to its added resistance. Care would be needed in making sure to select the appropriate grade of stainless steel for your given application. The term stainless steel is quite superficial as it does indeed stain overtime when not properly maintained. There are steps and precautions to take in keeping your stainless lasting over time.

### **Cleaning Stainless Steel:**

Every few months rinsing your stainless railing with warm fresh water and soap will usually suffice, otherwise a degreaser spray (E4051) offered by Indital USA can help remove most contaminants, smudges, fingerprint, and restore the shine. Indital USA also offers a polishing spray (E4052) which leaves a thin antistatic and water-repellant coat on the metallic surface. Most hard to remove stains or scratches can be moved carefully using a coarse Scotch-Brite Pad, but keep in mind you'll want to scrub in the same direction of the grain.

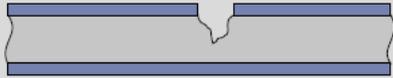
### **Overcoming Rust:**

When living in an area where there are a high levels of contaminants (pools, coastal regions, chemical plants, etc), it is possible to see some potential corrosion, even when using a 316 grade stainless steel. You will want to make sure to clean your railing with the degreaser and polishing spray more often throughout the year. If any surface rust does appear, it is important to deal with it immediately rather than waiting. Indital USA offers a de-rusting solution (E4052/D) and a passivating paste (E4052/P) which are both products to clean up the iron traces from the stainless steel surfaces. They will clean, protect, and exalt the pre-existing brightness, while creating a protective oxide and chrome film on the stainless steel surface.



Quando questa pellicola protettiva viene lacerata da graffi o lavorazioni il materiale sottostante risulta esposto agli agenti atmosferici.

When such film is torn by scratches or any kind of work, the underlying material is exposed to the weather.



La presenza di Cromo nella lega dell'acciaio rende possibile l'immediato riformarsi della pellicola protettiva.

The presence of the chrome in the stainless steel's alloy allows the immediate recreation of the protection film.

