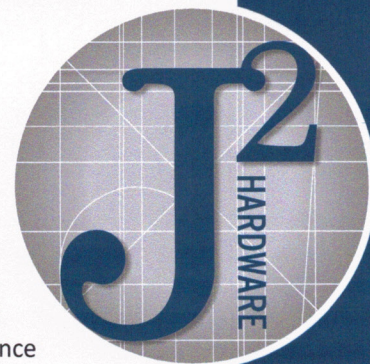


## J2 Hardware Ltd - handle care/maintenance and warranty details.



### Stainless Steel Handles

Our stainless steel handles are manufactured from **marine grade 316 stainless steel**, which has excellent corrosion resistance in external environments. However, to keep the handles in good condition, and to avoid surface contamination "tea staining" we recommend the handles are cleaned on a regular basis. All our stainless steel handles have been salt spray tested for 450 hours in accordance with BS EN 1670: 2007.

We recommend the handles are cleaned with a mild soap and water solution and thoroughly rinsed afterwards. The use of approved stainless steel cleaners is also advisable for maximum results. If abrasive cleaning methods are used, then it's essential that the abrasive used follows the grain on the handle. DO NOT use abrasive cleaning methods on bright polished stainless steel handles. DO NOT use knives or sharp objects to remove heavy dirt deposits as these could permanently mark the handle.

In certain environments stainless steel (even marine grade 316) will suffer from surface rust or "tea staining". This is where dirt and pollution in the atmosphere builds up on the surface of the metal preventing the natural oxidation layer from forming, causing a staining rusty appearance to form. This is a surface contamination and will not affect the integrity of the stainless steel. If this happens remove the staining with an abrasive pad (i.e. Scotch-Bright) and clean the handles with a stainless steel cleaning agent. Regular cleaning will prevent this from happening altogether.

### Colour Coated Handles (polyester and nylon coated)

Polyester powder and nylon coating provides a decorative and hardwearing finish onto a metal handle, and although this is a durable finish exposure to the environment will degrade the finish over time. Regular cleaning will substantially prolong the life of the handles. We recommend the handles are cleaned on a regular basis with mild detergent and warm water and dried with a clean cloth. The application of a light wax product will help protect the handles from UV light. DO NOT use harsh solvent or chlorine-based cleaning agents. Only use soft cloths and DO NOT use knives or sharp objects to remove heavy dirt deposits.

### Brass

Natural un-lacquered brass handles will develop a patina, tarnish, over time if left to their own devices. This patina protects the metal and although some people prefer this effect; to keep the handles in their original condition they need to be regularly cleaned using an approved brass restorer such as Brasso or similar. Unless otherwise requested our brass handles will be supplied un-lacquered. This is because the lacquer will eventually break down and the handles will need to be professionally re-finished. Supplying them un-lacquered with regular cleaning will prolong their life.

### Other materials

If handles are manufactured from a different material care and maintenance info will be provided with the handles.

### Frequency of cleaning

The frequency of inspecting and cleaning depends on the environment and traffic conditions the handles are subjected to. We recommend inspecting all handles every three months; shorter intervals would be advisable in harsher environments.

### Warranty

All our handles are thoroughly tested to ensure they can withstand the harsh conditions placed on them in high traffic commercial environments. Handles are checked for defects prior to despatch, and we are confident that if fitted correctly they will provide many years of trouble-free life. Please contact us for fitting instructions.

We offer a five-year guarantee against defects in materials and workmanship. If you have any concerns regarding the performance of the door handles we have supplied, please contact the sales office.

### Fixings

Please ensure the correct fixings are specified for your application. It's important that the back to back fixings are adjusted correctly to ensure the handles are fitted securely on the door. Please contact us for fitting instructions if unsure.

## **J2 Hardware Ltd**

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