



# RKDOORSYSTEMS

## Care & Maintenance Information

Congratulations on the purchase of your RK System entrance doorset manufactured to the highest standards. With careful use and maintenance your door will look good and perform well for many years to come.

The following guidelines are for general purpose and the timescales between inspections should always reflect the usage and location. Doors installed in coastal locations are particularly susceptible to salt corrosion and maintenance inspections, cleaning and lubrication should be increased accordingly

### Maintenance

- ▣ All factory surfaces on Aluminium products are designed as long term weather resistant.
- ▣ All hinges and locking mechanisms are designed to be low maintenance and with minimal wear.
- ▣ To preserve the value of your investment, check the surfaces, hinges and locking mechanisms on a regular basis to ensure they are correctly functioning and your door is opening and closing with the correct tolerances. Over time, settlement of the door can arise and part of your regular maintenance may include adjustment of the hinges to ensure the door sits squarely in the frame. Doors out of alignment can place undue stress on the lock and cylinder and cause gaskets to rub and come away from the door / frame and these items are outside of any warranty cover. Details of how to adjust the hinges on your door can be found on the download page of the website. We also recommend lubrication of the hinges and locking mechanisms with a suitable lubricant twice yearly (ideally at the beginning of Spring & Autumn).
- ▣ If using masking tape for any maintenance protection then we only recommend tapes such as TESA 4438 or 4838 or equivalent and these should be removed from the surface after a period of 2 weeks.

### Cleaning

- ▣ Any objects or dirt on the threshold, hinges or locking mechanism should be removed as soon as possible to avoid any unnecessary damage to the door.
- ▣ Cleaning and maintenance should reflect the installation location and environment and the door should be suitably protected during construction works to avoid contact with cement and other corrosive substances. Maintenance in coastal locations with high atmospheric salt content should be increased to ensure longevity of the door surfaces and components, with regular cleaning and lubrication of all parts every 4 weeks strongly recommended. All surfaces, including Elite Metal finishes, should only be cleaned with mild soapy water and avoid all chemical cleaning products.
- ▣ Surfaces should be cleaned with neutral cleaning agents, warm soapy water using 5% soap, 95% water (liquid soap) wiping with a damp cloth or approved cleaning solutions supplied with your RK care kit. Do not use abrasive or aggressive cleaners, bleach or other hydrochlorate (chlorine) based cleaners.
- ▣ Any damage or scratches to the finish should be professionally repaired as soon as possible by a suitable professional such as Plastic Surgeon Ltd or similar.
- ▣ Our stainless steel is high grade material designed to be long term performing and corrosion resistant. It is a misconception that stainless steel is "stain less" and stainless steel will degrade like all other architectural metals, although it generally has a higher resistance to the effects of atmospheric exposure. Our handles and fittings are 316 grade material and designed for marine environments but will always be affected by the elements and will remain susceptible to fingerprints, smudges and staining. If rust forms on the surface it is called flight rust and can form in industrial or coastal locations, construction sites and high traffic areas where aggressive substances are present in the atmosphere. This is not a failure of the product and regular checks should be undertaken to avoid any build-up of staining. Clean the stainless steel regularly with alkali, neutral or specifically designed stainless steel cleaners. Tough stains should be rubbed off with a synthetic cloth. Do not use steel wool or hard metal objects to remove dirt from the handles as this may accelerate the formation of flight rust. Regular maintenance is essential for stainless steel **see our separate 'Stainless cleaning and care' document for more specific details about the properties and care of stainless steel** these are designed to assist in understanding the properties and maintenance for stainless steel items.



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