



## **Roller Star USA Roll-Up Shutter – Maintenance Instructions**

### **ALUMINUM ROLL-UP SHUTTER / DOOR (MITIGATION BARRIER)**

#### **PURPOSE:**

**This document provides the necessary requirements for maintaining and caring for Roll-up Shutter and Door Systems.**

#### **SECTION 1 of 2 – GENERAL CLEANING**

1.1 Roller Star painted aluminum roll-up shutters can provide years of service with proper maintenance and care. As with any exterior surface exposed to the elements, it is necessary to clean and lubricate the shutter.

We recommend the shutters be washed with a mild soap solution and a soft cloth or thin haired brush every (3) months to remove any dirt, salt, sand, or any other potentially corrosive materials formed on the shutter surface from the elements or surrounding conditions. Use low ph level soap- automobile soap is ideal. Avoid cleaners that have vinegar, high ph or citrus-based cleaners' and solvents.

Once cleaned, rinse all surfaces with clear water and dry using an absorbent soft cloth. Although it is not necessary, for additional shine and color enhancement, apply a layer of car wax to the painted surface (either manually or spray). Be sure you have washed and removed all corrosive materials prior to waxing.

Clean all tracks regularly in areas where leaves or other organic matter accumulates.

Do not use abrasive cleaners, razors, scrappers or mineral spirits. Do not use solvents of any kind. Do not spray with high-pressure systems. High-pressure spray washing may be very damaging to the painted surface.

Never spray water into the box or mechanism area.

Inspect shutters regularly for creatures that may be caught up in the curtain when operated. Remove and thoroughly clean area.

## SECTION 2 of 2 – MECHANICAL CARE AND MAINTENANCE

2.1 Roller Star shutters will remain in good working condition for years with proper care and regular servicing.

Tracks and sills should be cleaned and debris vacuumed or blown away regularly. The objective when cleaning the shutters is to remove wind blown dust and dirt as well as salt, and sand deposits that may cause the hardware to wear and corrode. Built up debris can impede the operation of the shutter. The shutter hardware is produced with corrosion resistant coatings so it is important when cleaning, not to remove the coating with steel wool or other abrasive pads or cleaning products.

In coastal areas, cleaning should be performed at least monthly, possibly more often based on your individual situation, to remove salt and sand deposits that can quickly lead to corrosion or staining the paint finish.

Lubricate or inject grease into bearings at least once a year, more often if squeaking develops.

Unscrew and remove hood cover to service or lubricate the bearing. After lubricating reinstall the cover, increase self-drilling screw size one step if necessary.

*Warning; Avoid lubricating with silicone based sprays, as silicone will cause the plastic parts to become brittle.*

Preferred lubricating choices:

- a. Lithium Grease
- b. Light oil (3 in 1)
- c. Petroleum grease (if applicable)

2.2 Roll-up shutters have stainless steel parts. Stainless steel is used because of its high resistance to corrosion. Although the metal itself is corrosion resistant, localized corrosion can occur from atmospheric conditions depositing organic particles on the metal that will contaminate the surface. Localized corrosion does not affect the structural integrity or the longevity of the parts. Localized corrosion is controlled with regular cleaning.

Stainless steel will hold its appearance and remain free of corrosion (staining) if it is washed regularly. For best results, wash with soap or mild detergent and warm water. Follow by rinsing with clean water and wipe dry with soft cloth. Do not use hydrochloric acid or similar on the product. Never use steel wool

Life expectancy of your shutters increases with proper care and maintenance. Coastal exposure can be detrimental to building products, thus requiring more frequent care and maintenance. You will want to use your best judgment and adjust these instructions depending on your climate and particular environment. Clean products free of sand, salt and debris, properly lubricated will serve you best. Operate the shutters as often as necessary for full enjoyment and to be assured they are functional when needed as a mitigation barrier.