



**Palm City**  
IRONWORKS

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## MAINTAINANCE AND CLEANING GUIDE FOR YOUR IRON AND STEEL PRODUCTS

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*Thank you for your purchase of your Palm City Ironworks Product and hope you enjoy many years of use. They are backed by our warranty that can be found on our website under the resources section. All products require regular inspection, cleaning, and maintenance. This extends to all phases of the installation process: Before, during and after. Following the steps listed below will help prevent your warranty from being nullified from lack of proper care and maintenance.*

### STORING AND STAGING PRODUCTS

Protecting your product starts long before the actual installation. It is important to store units in a well ventilated, covered, dry, low humidity area that will not be subject to damage from damage from other construction machinery.

During the installation process, all units should be properly inspected to ensure there is no damage sustained during the delivery process. All installation should follow all steps as outlined on our installation instruction documents that are listed under the Product Approval section under resources. All installations should be performed by qualified and licensed teams. Upon install, all products should be cleaned, and protective measures should be taken to prevent outside trades to damage all units. No duct tape or adhesives should be attached to the door. Masking tape used during temporary envelopment of the door should be on for no longer than a few days.

## *STEPS FOR CLEANING YOUR PRODUCTS*

### *INSPECTION*

The location of your project can greatly affect the steps needed to maintain a beautiful finish on your Palm City products. Thoroughly inspecting and cleaning your product monthly is recommended particularly in coastal areas. By properly maintaining your units, you can lengthen the lifecycle against humidity, salt exposure, UV, & harmful cleaning agents. Your inspection must include all components that make up your units including (but not limited to): Door Panels, Window Sashes, Glass Surface, Jamb Surface, Weatherstripping & Hardware.

### *CLEANING & MAINTENANCE*

#### METAL SURFACES

After a thorough inspection, the cleaning process is an opportunity to reinvigorate your product. We recommend using a mild cleaning detergent (example Joy) mixed with water at a 16 parts water / 1 part detergent mix. These detergents would be considered as gentle enough to use on skin, but not considered a grease cutter (like dawn).

Using a moderate amount of pressure wash down the entire surface of the unit starting at the top and working down to the bottom. This can be accomplished using a hose (*nothing stronger than mist setting*), sponge, brush, cloth, or microfiber towel. Remove any dirt, dust, debris, bugs, salt residue, dried watermarks, pollen, oxidization marks, stucco, paint overspray or any foreign substance on any surface. **In coastal markets, salt residue that is left for long periods can cause oxidation which can cause long term damage.**

For stubborn stains, mineral spirits can be used though light pressure is encouraged. Do not use any harsh chemical cleaners, ammonia-based cleaners, paint thinners or any acetone-based products. Prevent any excess cleaning substance to pool or collect at corners or joints. Be sure to rinse any large rocks or sharp edges material off the surface before starting to wipe the unit.

Do not use any steel wool, putty knives, razor blades or sharp edges to scrape materials off your unit as this may damage the finish. *Do not use any high-pressure washers or garden hose when cleaning your unit as the high pressure can damage the finish.*

After completing the washing phase, please clean your unit with a new, clean low lint cloth or towel. Be sure to wipe any excess water visible or at all corners and joints. Make sure there are no rocks, stones, or sharp edges in your towel to avoid unnecessary scratches.

### GLASS SURFACES

Keeping your glass surface clean will help enhance the quality of your view and increase the lifespan of your glass. For best results, clean units when direct sunlight is not hitting the surface of the glass to avoid premature evaporation leaving marks. Do not use any ammonia-based cleaners that could possibly run and hit the metal frame as this may cause discoloration. Do not use a high-

pressure washer or garden hose as the high velocity of water cause damage the seal around the glass and cause this to fail.

Start cleaning by mixing a mild detergent in water and wipe the surface of the glass from the top to bottom. Repeat until all contaminates have been removed from the surface. Dry the surface of the glass using a low lint towel or cloth removing all streaks or water beads. Repeat process, if necessary, until glass is clean.

### WEATHER STRIPPING

Weather stripping on a door or window is perishable like tires on a car. To keep consistent compression, weatherstripping should bounce back like a spring once units are opening. Over time, this bounce back action can begin to sag allowing for a looser seal. Keeping your weatherstripping clean will help extend the lifespan of your seals. In cases where the weatherstripping has lost its dexterity or in the event it has been scratched or damaged it is important to replace as needed.

### SERVICING HARDWARE

Hardware and moving components can bear the strain of constant operation and exposure to the elements. Maintaining these items will improve the function of your products and extend their functionality. Before hardware components can be lubricated, it is necessary to clean the surface and edges of any pollutants. Similar steps can be used like the Metal surface cleaning steps. Once the surface has been cleaning, different products are recommended to grease those components.

Hinges - Use Lithium or a White Grease product (DO not use WD40 as this can cause pollutants to bind to the movable parts)

Locksets - Use a Light Oil based cleaner a waterproof lubricant

Cam Locks - Use Lithium or a White Grease product (DO not use WD40 as this can cause pollutants to bind to the movable parts)

Casement Levers - Use a Light Oil based cleaner a waterproof lubricant

Casement/Awning Arms - Use a Light Oil based cleaner a waterproof lubricant

Weatherstripping – use a clear silicone product and wipe on surface of weatherstripping.

**\*\*Please be sure to make sure all substances are not allowed to settle on the metal surfaces of your product\*\***

### REFINISHING UNITS

All Palm City Products have a substantial finish system and are designed to have multiple life cycles. However, inevitably all units will eventually begin to age or wear from age, sun exposure, weathering, lack of maintenance or abuse. A major benefit of Iron and Steel is that if the beauty and charm can be restored by a trained refinishing team. Every unit sold at some point will eventually need to be refinished, it's not if, but when. Like changing tires on a car, or re-staining a wood door, all products will be brought back to life after a refinish. Contact your Local Palm City representative for more information or recommendations to trade partners who can perform this work.



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