

CARE AND MAINTENANCE INSTRUCTIONS

You have acquired a product manufactured by Air Master Inc. whose paint finish has been applied in our factory. As a consumer, you should treat the product with extreme care even after installed. All exposed surfaces should be protected to avoid contact with Caustics, Corrosives, Solvents, Abrasives and Impacts. The original packing of the product should not receive any humidity. In the case where product is not suitably protected and one or more of the above conditions occur it will not be covered by our warranty. Our Customer Service Department can advise on any question you may have on this matter.

DURING INSTALLATION

Before you install one of our windows or doors, you must be aware of some aspects in the installation process that may affect the proper function and appearance of the product.

1. **Galvanic Corrosion:** Wherever two dissimilar metals exist in direct contact, there is a great probability that corrosion may arise. When a third element such as dust or saltpeter, is added a bridge is made between the two metals creating an electrical couple. Once the couple is created the corrosion process starts where the strongest metal consumes or extracts the mass from the weakest metal. How can we prevent galvanic corrosion?
 - a. **Insulation:** Be sure your installer totally isolates dissimilar metals placing inert materials between them. This is to prevent dust or saltpeter to create the electrical couple and the commencing of the galvanic corrosion process..
 - b. **Cleanliness:** Keep your product clean and free of dust or saltpeter to stop any type of electrical couple. In places that are close to the sea an intense clearing is recommended once a month and in places far from the coast an intense clearing is recommended every three (3) months.
 - c. **Sacrificial Anode:** When the product is found in extreme conditions of dust or saltpeter, or that the above recommendations are not effective, a weaker metal of those that are in contact or proximity should be used to perform the function of an Anode and lends its mass for the oxidation process. This will favor the materials we want to preserve.
2. **Caustic Corrosion:** During the handling and installation it is imperative that the materials are protected of any type of contact with chemicals that may damage the finish, hardware or glass. One of the most common chemical agents is the cement used for the finishing if the openings or the acids used in the clearing of tiles. If cement splash or clearing acid comes in contact with the surface of the product, the surface should be cleaned immediately, if not, the caustic agents will start an accelerated corrosion process and your product will lose its warranty. Exposed aluminum is very susceptible to the chemical used regularly in construction projects, which makes the clearing process one of extreme importance.

Air Master Inc., recommends, specially in construction projects, to contract cleaning services with companies specialized in the final cleaning process once the materials is installed. These should have the knowledge and technical information of the cleaning products that may be used during this process.

AFTER INSTALLED

As all finished products, aluminum requires a reasonable care and maintenance before and after the installation process, other than the periodic clearing and maintenance after this. In the following we suggest how to clean and maintain your window o door to prolong its esthetic appearance and proper operation.

1. **Aluminum:** Immediately after installation is completed, proceed to clean all aluminum, glass or vinyl exposed surfaces, using a water sprayer with mild detergent (non abrasive) and a sponge or cloth. Rinse with clean water and repeat the process as many times as necessary. Be sure to remove vents or panels to reach access to exposed areas of the frames. For some products we recommend to hire a professional for the removal process.
2. **Glass:** Use the same process indicated for the aluminum and if this is not effective, we recommend you use the following process:
 - a. Use a cleaner without ammonia designed to clean glass. Apply moderate pressure in circular movements in the areas where regular clearing was not effective. This process should be applied with safety glass only (tempered or laminated) Physical damage may occur in the case of breakage of a glass that is not classified as safety glass.
 - b. If the process described in "a" is not effective, use Isopropyl Alcohol applying moderate pressure in circular movements in determined areas until the surface is cleaned. This process should be applied with safety glass only (tempered or laminated) Physical damage may occur in the case of breakage of a glass that is not classified as safety glass

Note: do not use blades to clean the glass, this may scratch it..
3. **Hardware:** All operable windows and doors produced by Air Master Inc., Hill be equipped with the necessary hardware for its proper function. As with aluminum and glass the, the hardware requires maintenance that includes periodic lubrication to keep it in optimum conditions and that its operation is prolonged.
 - a. **Grease:** Our recommendation to use a product same or similar to liquid grease with Teflon, or Lithium, which are available in spray.(*)

(*)The use of Penetrating Oils such as CRC and WD-40 is not recommended, since these tend to foment the accumulation of sediments that promote the galvanic corrosion..

All components that perform a mechanical function suffer wear and tear and have a useful life. Through our Customer Service Department or any of our representatives, you may obtain the replacement parts that your product may require. To present any claim you can contact this Department at telephone 3 (787) 623-1800 or our WEB page www.airmasterpr.com