

Painting your Door

Paint: Your steel garage door can be painted with a high quality, 100% acrylic latex (flat, satin, or semi-gloss) exterior grade paint.

NOTE: Do not use oil-based paint. Using oil-based paint will void the warranty on your door.

Cleaning: Before painting your door, it must be free of dirt, oils, chalk, waxes and mildew. The pre-painted surfaces can be cleaned of dirt, oils, chalk and mildew with a diluted solution of trisodium phosphate. Trisodium phosphate is available over the counter at most stores under the name SOILAX®, in many laundry detergents without fabric softener additives, and in some general purpose cleaners. Check the label for trisodium phosphate content. The recommended concentration is 1/3 cup of powder to 1–1/2 to 2 gallons of water. After washing the door, always rinse well with clear water and allow to dry.

If the door has ever been waxed, the wax must be removed before painting. Doors are not waxed during the manufacturing process. The wax can be removed by wiping door surface with a rag saturated with Xylene (Xylol), available at most paint or hardware stores. Wiping should be done at moderate pressure and Xylene must not be allowed to sit on the door for an extended time. Damage to your door's paint system can occur if overexposed to this or other solvents.

Caution: Safety instructions on the solvent's container must be followed. After de-waxing the door, clean with trisodium phosphate, as stated previously.

NOTE: Sanding could remove rust-inhibiting compounds, therefore, sanding should be done only to damaged areas where bare metal has been exposed. Refer to the "Paint Repair" section of these instructions.

Paint Repair: Should your door's paint finish become damaged, exposing the bare metal, it will become necessary to repair this area to prevent rust from forming. The damaged area should be lightly sanded with a medium to fine sandpaper making sure to remove all visible red and white rust. Wipe this area with a dry, clean rag. Coat the sanded area with a high quality, rust inhibiting, zinc enriched primer. This type of primer can be found at most paint or hardware stores, and should be labeled for covering bare and galvanized steel. Once the primer is applied, wait the time specified on the primer's instructions before you finish painting your door.

Paint: Your steel garage door can be painted with a high quality, 100% acrylic latex (flat, satin, or semigloss) exterior grade paint. Since all paints are not created equal, the following test needs to be performed: paint should be applied on a small area of the door (following the instructions on the paint container), allowed to dry, and evaluated prior to painting the entire door. Paint defects to look for are blistering and peeling. An additional test is to apply a strip of masking tape over the painted area and peel back, checking to see that the paint adheres to the door and not to the tape.

After satisfactorily testing a paint, follow the directions on the container and apply to the door. Be sure to allow adequate drying time should you wish to apply a second coat.

Window frames & inserts can be painted with a high quality, 100% acrylic latex. The plastic should first be lightly sanded to remove any surface gloss.

NOTE: Do not apply paint when door surface temperature is different from manufacturer's suggested temperature range for application.

Snap-In Decorative Insert Removal And Replacement:

NOTE: DO NOT REMOVE SCREWS from the window frame. Decorative inserts are designed to snap-in and out of the window frame.

Some doors with windows have a decorative insert attached behind the window. They may be moved to the outside of the glass, or can be removed for cleaning or painting purposes.

- 1) Remove the four tabs of the insert from under the edge of the inside window frame. There is one tab on each side and one on the top and bottom of the insert.
- 2) The insert can be firmly pulled out of the window.
- 3) Replacing the insert is the reversal of the process described for removal. The four tabs must be pressed under the lip in the window frame.
- 4) If preferred, the insert can be snapped into the frame on the outside of the glass.

Glass Replacement



WARNING

To avoid injury, use extreme caution in handling glass window pane. When the frame is removed, the exposed steel edge of the door may be sharp. Avoid contact with the steel edges.

Glass Replacement: If your door is equipped with windows and the glass should need replacement, follow the steps below:

- 1) With someone holding the outside frame, remove the screws from the inside window frame.
- 2) Pull the inside frame out of the door.
- 3) Carefully remove the broken or old glass.
- 4) Insert the new glass. The glass should be 11" by 18-1/2" (standard panel windows) or 11" x 40-1/4" (long panel windows).
- 5) With someone holding the outside frame, reinsert the screws into the inside frame, trapping the glass.

Annual Maintenance

- 1) Lubricate all moving parts of the door with light household oil, including:
 - a) Lift cables at the bottom bracket button
 - b) Bearing of the sheaves
 - c) Lock hardware where surfaces turn or slide
 - d) Full length of torsion spring to reduce friction between coils
 - e) Lubricate steel rollers. DO NOT lubricate nylon rollers.
- 2) Check for loose or bent hinges.
 - a) Tighten loose hinges.
 - b) Straighten or replace bent hinges.

Caution: To replace bent hinge(s) or broken roller(s):

Door must be locked and in the down position.

No more than 1 hinge is to be removed from the door at any given time.

Under no circumstances should you loosen or remove the bottom bracket without disengaging the spring tension. (Follow instructions for removing extension springs.)

- 3) Check roller for broken wheels, bent shafts, or worn out bearings
- 4) Check the door and track supports for loose or missing bolts, screws, etc. Be careful not to over tighten.
- 5) Check the extension cables. Are they running properly in the sheaves? Check for wear of the cable at the bottom bracket button.
- 6) Check for bent track. If bent, call an authorized professional dealer.
- 7) Extension spring hardware, including springs, cables, sheaves, sheave forks, bottom brackets, and containment cables, should be adjusted or repaired only when the spring tension is released (the door must be open). These repairs should be made by a qualified door technician or a mechanically experienced person with proper tools and instructions.
- 8) If your door has torsion springs, the spring assembly and wood anchor pad should only be adjusted or repaired by a professional door technician.



Cleaning the Door

In order to prevent damage (rusting) caused by foreign matter adhering to the door, the door should be cleaned at least twice a year (normal environments) or 4 times a year (coastal environments). The door may need to be cleaned more frequently if road salt accumulates in a winter climate. The door should be wiped down with a mild household detergent and rinsed with clear water.

NOTE: Be sure to clean behind stop molding on the sides and top of door.

Waxing the Door (Coastal and Harsh Environments)

For coastal and harsh environments, it will be necessary to wax the front side of the door following installation. Select a good quality car wax and apply according to wax manufacturer's instructions. Wax should be applied at least twice a year, immediately after cleaning (see cleaning instructions above).

Glass, Plexiglass, Stained Look, Leaded Look, Brilliance, and Studio Series Windows Cleaning and Care Instructions

Clean with a mild solution of a dishwashing detergent and a soft cloth. After cleaning, rinse thoroughly. DO NOT use any ammoniated, abrasive, or solvent-based cleaners of any kind.

Studio Series Windows Only:

Use a good grade of automotive paste wax and buff with a soft cloth. Windows should be cleaned and waxed at least once annually or more often based on the atmospheric conditions where installed.

Caution: Use care when handling decorative windows to avoid scraping or scratching the surface.

NOTE: Minor scratches or scuffs are not considered defects and will not be covered under the window warranty.

Replacement Parts

Replacement parts are available from an authorized professional dealer or a building supply retailer. When ordering repair parts, always provide the following: part name, model number, and door width and door height (W x H). For the location of the authorized professional dealer or a building supply retailer nearest you, please write or call:

Clopay Building Products
Consumer Services Dept.
101 Miller Rd.
Russia, OH 45363 USA

Call Toll Free: 1-800-225-6729
Hours of Operation (ET):
Monday – Friday, 8:30 AM - 7 PM
Saturday 8:30 AM - 5 PM.