

GRANDDOOR FRAMES

Specialty & Fire-rated Wood Door Frames

Storage, handling and finishing instructions

In order to ensure that the final quality and utility from these frames are obtained, we strongly urge you to read and follow the guidelines detailed below.

Failure to follow the guidelines below will invalidate our Limited Warranty.

It will be the discretion of Granddoor or its representative to approve or reject any claim due to poor handling, application, installation or finishing.

Handling and Storage Guide

1. Handle all frames with clean gloves and equipment.
2. Avoid dragging frames across one another or across other surfaces.
3. Avoid leaning at a steep angle, or against wall for period of time as warpage will occur.
4. Store on a level surface in a dry, well-ventilated building. Avoid stacking on end.
5. Do not store directly on the ground or on porous concrete surfaces that could wick moisture from below grade.
6. Keep frames in shipping cartons or protect with an opaque covering that does not allow light to penetrate. Covering must allow air circulation.
7. Frames should not be subject to abnormal heat, dryness or humidity for prolonged periods.
8. Avoid sudden changes such as forced heat to dry out a building.
9. Deliver frames in clean truck and under cover in wet weather. Allow for frames to acclimate before installing.
10. Deliver frames to building site only after HVAC system is operating and plaster, stucco and/or cement is dry.
11. Frames MUST NOT BE SUBJECTED TO EXTREME TEMPERATURE OR HUMIDITY.
12. All wood frames should be conditioned to average prevailing relative humidity of the locality before hanging.
13. If the frames are to be stored for long periods or on the job site, the entire frame veneer including all edges must be sealed in order to prevent undue moisture absorption.
14. Packages containing frames may be heavy. Use care in handling and do not stack packages.

Frame Machining Guide

1. Avoid cutting frames down in size, use designated sizes. Fire Rated frames must be factory sized in width. Height may be trimmed at the bottom. Use a sharp, fine tooth saw for best results.
2. Caution must be used to avoid impairing the utility or structural strength of the frame when fitting for hardware, and/or any other special detail.
3. Use three hinges on frames 7' in height or less, and four hinges on frames over 7' in height. Hinges must be set in a straight line to prevent distortion.
4. Be sure that the jambs and stops are set perfectly square and plumb.
5. Pilot holes must be used for all screws used for installation of hardware or the frame itself. Granddoor is not responsible for cracks in veneers or surface delamination caused by use of self-tapping or combination/metal screws, or for cracks caused by inappropriate screws when applied without pre-drilling pilot holes.

GRANDOOR FRAMES

Specialty & Fire-rated Wood Door Frames

Frame Finishing Guide

6. All unfinished wood frames manufactured by Grandoor require sanding prior to finishing. The degree of pre-sanding will depend upon the final selection of stain and whether or not they are spraying or wiping on the stain.
7. All primed frames require sanding of factory sealer then a 2nd primer coat and finally a finish color coat.
8. Grandoor will not be responsible for the appearance of field-finished frames.
9. As wood is a natural material, color variations and finish absorption will vary and may result in color differences piece to piece. Grandoor is not responsible for any occurrences due to the nature of the wood.
10. Remove all handling marks, instruction labels, stamps and effects of exposure to moisture with a thorough, final light sanding over all surfaces of the frame, using 150 or 180 grit sandpaper. *Note: Small amounts of grease, oil or pitch can be wiped clean with mineral spirits. Any minor squeeze out of glue can be scraped and sanded away.*
11. Some species, particularly oak, contain chemicals that react with iron. Do not use steel wool in finishing, sanding, cleaning or repairing minor blemishes.
12. Clean frame thoroughly after sanding to remove all dust or foreign material. Avoid using chemical cleaners that react unfavorably to certain wood species and finishes. Consult a finish expert. *Note: some hardwood species can have an adverse reaction with certain chemical cleaners and finishes.*
13. Apply finish as soon as frame is fitted, but before final hanging. Cutouts for hardware must be sealed prior to installation. Grandoor will not warrant product that has been hung prior to finishing or that shows deterioration of wood or swelling due to finish breakdown.
14. Make sure all wood surfaces are sealed and finished, including top, bottom and side edges of the frame. *Note: exposed backside of fire core is not necessary to seal*
15. Sand lightly between all coats whether painting or staining, making sure that all surfaces and edges are covered every time a coat is applied.
16. You can make sure all coatings in the finish system are compatible by using products from the same manufacturer. Finish manufacturers will be able to tell you which of their products may be successfully applied in combination with each other. Finishes should be applied in accordance with the manufacturer's instructions.
17. Finish on frames will deteriorate over time. All products manufactured by Grandoor require yearly inspection and potential additional coats of finish.
18. For paint finishes, use a good grade primer followed by at least one topcoat of a good grade oil or latex base paint. Generally, oil based paints should be used as a primer coat, although latex paint systems have been developed, which paint manufacturers may recommend for use with frames. Use exterior grade paint for exterior installations.
19. For stain finishes, apply a first coat of quality oil base stain and sealer followed by at least two coats of clear finish. Three coats of clear finish will provide greater protection. Not all exterior stains are sealers. Frames must be adequately sealed to prevent excessive moisture absorption. Do not use lacquer-based finishes. Use exterior grade finishes for exterior installations. *Note: on all stained frames, apply a coat of exterior wood wax and buff with soft cloth occasionally*

Exterior Frame Finishing Guide

In addition to the above, exterior frames need additional care.

1. They must be protected from moisture and sunlight prior to finishing.
2. They must be finished with at least three coats of an exterior grade material on all sides.
3. A substantial overhang and protection from the elements will minimize component movement inherent to exterior wood product.
4. Use a high-grade exterior primer followed by at least three coats of high-grade paint on all sides. For natural finishes, use oil based semi-transparent stain designed for exterior use, followed by at least three coats of marine spar varnish or locally approved exterior grade finish containing UV inhibitors to protect from sun damage. Do not use high-gloss and/or lacquer based finishes for exterior use.

WARRANTY

All frame products manufactured by Grandoor meet or exceed generally accepted industry standards and are warranted for one year from the date of shipment. Each frame is fabricated with good material and workmanship and is free of defects which would cause the frame to be unfit for the ordinary recommended use. In the event of a defect or failure to conform with this warranty, upon written notice to Grandoor, the company, at its option, will (1) repair the frame without charge, or (2) provide a replacement frame without charge in the same stage of fitting and finish as was originally purchased from Grandoor if, at the time a shipment of frames is received by a customer, frames are found to have a defect which can be reasonably discovered by the inspection of each frame, written notice must be sent to Grandoor within (30) days and before hanging, fitting, or finishing. Grandoor will not be liable for any frame repaired or replaced without their prior written consent. Unsatisfactory service or appearance caused by failure to handle and finish the frame properly and completely as specifically detailed in the “handling, finishing, and Installation guidelines” set forth herein, is not covered by this Warranty. Natural variations in the color or texture of wood are not considered defects. Frames that exceed 8’0” in width, 8’0” in height and ¾” in thickness are not covered under this Warranty. Grandoor shall not be liable for consequential, indirect, or incidental damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions of limitation may not apply to you. All implied warranties are limited to one year from the date of shipment. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Additional Warranty coverage beyond above is available, ask your representative for details.



Specialty & Fire-rated Wood Door Frames