

Installation

When trimming an Emerald Doors External Door to fit, 6mm can be removed from each edge of the door to a maximum reduction of 12mm in both the height and width. Any reduction must be removed evenly from each edge of the door.

External doors must have a weatherbar or rain deflector fitted to ensure that water runs away from the face and bottom edge of the door. A drip bead should be fitted to prevent moisture ingress to the top edge of the door, e.g. fitted to the door frame head. In areas of severe exposure, external doors should be protected by a canopy or porch in addition to finishing.

Finishing

Bare timber doors will require a light sanding prior to finishing. Take care when finishing glazed doors to ensure that the finish does not go on the glass.

Secondary protection such as masking tape may be necessary. When applying the finish pay particular attention to sealing the timber end grain on the tops and bottoms of the doors. Ensure that all lock, letterbox and hinge cut-outs are also finished to the same degree as the timber surfaces.



Failure to treat all the timber surfaces may lead to excessive changes in moisture content which will cause the timber to shrink or swell, possibly causing splits and distortion.

Coating Schedule

Apply 1 coat of Sadolin or Sikkens wood varnish to all faces and edges, including the Top and Bottom Edges of the Doors, allow at least 4 hours drying time between coats.

Apply 2 coats to the Top and Bottom Edges of the Doors, allow at least 2 hours drying time before applying the second coat and subsequent recoating.

Apply 2 coats to all faces and edges, including the Top and Bottom Edges of the Doors, allow at least 4 hours drying time between coats.

Maintenance

The schedule specified in the following pages should be followed to maintain the finish.

To ensure the long life and appearance of the doors and frame, all coatings should be washed down annually to remove any surface pollution and check the finishing treatment and touch up as necessary. Fully retreat the door every few years or as required and depending on degree of exposure. Doors located in exposed areas will require more frequent maintenance coats. Woodstain and Paint finishes are not interchangeable: Using a white paint on an Oak stain finished product and vice versa will not work.

The finish coat should be washed down with clean water to remove dust, insects and other contaminants, as these can form a base for algae and fungi growth. The coating surface should be inspected for mechanical damage and affected areas repaired accordingly.

Notes

For Handling, Storage, Installation and ancillary Finishing and Maintenance information consult the Instructions on the back of the Label included in your door packaging. If you do not have these instructions they can be requested by sending an email to sales@emeralddoors.co.uk

Storing, installing or finishing the product in a manner not detailed in the instructions may invalidate the warranty.

Groups of loads and effects of the weather for wooden windows and external wooden doors

(windward side)

Secura-Check

0 without direct effects of the weather

2 exposed to moderate weather effects

4 exposed to very strong weather effects

1 exposed to weak weather effects

3 exposed to strong weather effects

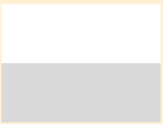
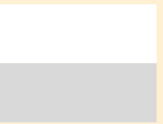
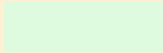
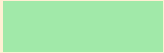
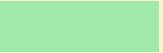
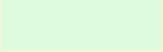
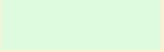
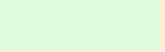
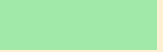
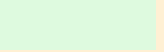
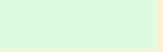
building location

window assembly method	eaves depth	ground floor 1st floor to 3rd floor	detached house either on a slope or above 3 rd floor	mountainous regions or sea coast
set back	 big	0	0	1
in line with facade		1	1	2
set back	 medium	1	2	3
in line with facade		2	3	4
set back	 small	2	3	4
in line with facade		3	3	4

First, an extent of exposure to the weather effects should be determined as well as a scope of loads to which wooden building components are exposed after their installation. Window assembly methods, eaves depths and the building location have an essential influence on the loads. Next, the installed wooden components should be categorized into one of five load groups, and then, Secura-Check ought to be turned over.

Based on the table 'Varnish groups for external doors and windows', issued by ift e.V., Rosenheim

Renovation intervals for wooden windows and external wooden doors depending on load and coating

type of wood	coniferous wood				tropical and deciduous wood			
coating	stain coating		paint coating		stain coating		paint coating	
colours	light	medium and dark	light and medium	dark	light	medium and dark	light and medium	dark
								
0								
1								
2								
3								
4								

Renovation intervals in years. Here you can find the recommended types of coatings and their colours. For each combination chosen, you are provided with information on the renovation intervals for a given load.

	5 and more years (strongly recommended)		from 3 to 4.5 years (recommended)		from 2 to 2,5 (still recommended)		less than 2 years (not recommended)		much less than 2 years (inadmissible according to lift guidelines)
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WOOD FINISHES