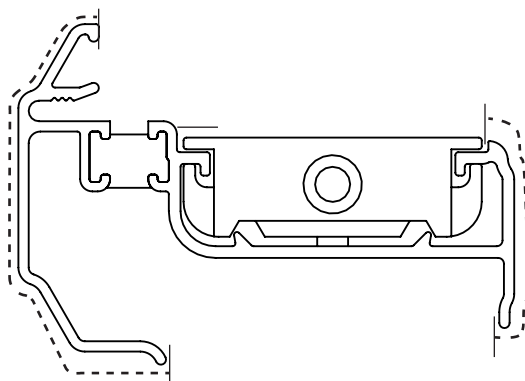


December 1st, 2014

Ultimate Veneer Astragal Finishing and Maintenance Instructions

General Notes

1. This instruction describes suggested steps for finishing and maintenance of the Wood Veneer Ultimate Astragal.
2. The Wood Veneer Ultimate Astragal uses a real wood veneer which requires finishing before exposing to the outdoors, as well as ongoing maintenance.
3. The Wood Veneer Ultimate Astragal is supplied with a protective film intended to keep the wood clean during handling, and prior to finishing. The film is not intended to prevent unfinished wood from weathering, and is not a substitute for properly protecting the Astragal with an appropriate exterior finish coat.
4. Numerous types and brands of paint, stain and polyurethane can be used when finishing Endura's Wood Veneer Ultimate Astragal. Application instructions specific to the coating used should be properly followed.



----- Finishing Application Surfaces

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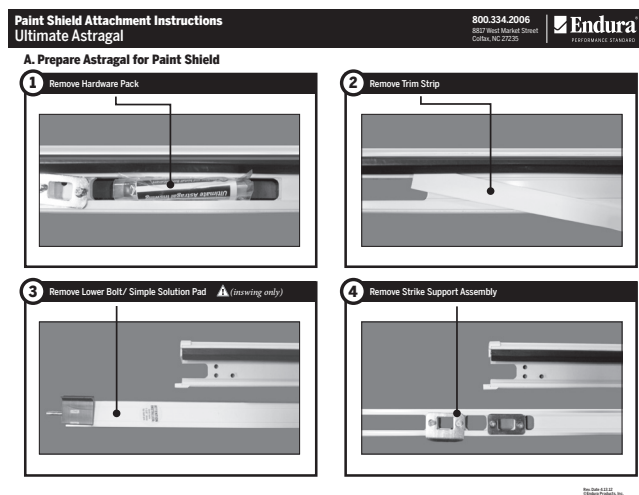
Ultimate Veneer Astragal Finishing and Maintenance Instructions

Finishing

A. Prepare Astragal Components

1. Ultimate Multi-point and Ultimate Flip Lever Astragals

- Protect astragal components by attaching Endura's Paint Shield.
- See separately issued instructions "Paint Shield Attachment Instructions" for details.
- Or, follow step 3 below.



2. Ultimate Astragals – All other models

- Remove all components from the astragal body, including the weatherstrip.
- Or, follow step 1 above or 3 below.



3. Alternate Method - Masking

- Remove weatherstrip, bottom bolt, and strike plates.
- Mask body and components with a painter's tape (such as ScotchBlue™ Painter's Tape or FrogTape® Multi-Surface).



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B. Prepare Wood Veneer

1. Remove the protective film covering the wood veneer on both sides of the astragal.
2. Lightly sand the wood surfaces with 220 grit sandpaper.
 - a. Sand in the direction of the wood grain.
 - b. Take care to not sand through the veneer.
3. Wipe surfaces with clean rag or tack cloth, or blow off with compressed air. Ensure wood grain is free of dust.



C. Apply the Finish Coat

1. Select an exterior grade stain or paint appropriate for wood surfaces.
2. Apply stain or paint according to the manufacturer's instructions.
3. Multiple coats should be applied according to the manufacturer's instructions.
4. For stained surfaces follow the recommended drying time before applying a top coat clear finish.
5. Apply stain or paint according to the manufacturer's instructions.
 - a. Clear finish types include polyurethane, spar varnish and oil based coatings.
 - b. Usually at least two coats are recommend.
 - c. Follow the manufacturer's instructions.



D. Reassembly

- Reassemble the astragal after the paint has dried.

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Maintenance

1. The Wood Veneer Ultimate Astragal uses a real wood veneer which requires finishing before exposing to the outdoors, as well as ongoing maintenance.
2. At least once a year the exterior face of the astragal should be checked for deterioration due to weathering.
3. As needed, refinishing of the clear protective coating should be conducted, and done according to manufacturer's instructions.
4. The level of exposure to the elements will determine how frequently refinishing is required.

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