

DuraGuard Finishing Instructions

DuraGuard System Features

- Access to all Conestoga topcoats, sealers, stains, paints, primers, glazes and other raw materials.
- Access to our Finishing Department at (717) 445-3252 every business day, from 7:00 a.m. to 3:30 p.m. (EST). We are dedicated to answering any finishing questions our customers may have.
- Inexpensive touch up kits are available; these kits are used to hide scratches or blemishes incurred in our customers' shop. These kits make a great gift for your satisfied customers. See bottom of DuraGuard Packaged Finish Pricing chart for details and pricing.

Colourtones and Prism Paints

Colourtones/Prism Paints are two-part, acid catalyzed, opaque basecoats, high in solids and similar to paint in appearance. Colourtone/Prism Paint finishing materials are non-catalyzed when purchased and must have catalyst purchased separately and added prior to application. These coatings are very durable and resistant to moisture.

Colourtones, Prism Paints and Catalyzation

Colourtone/Prism Paint finishing materials have superior film build, adhesion, excellent sanding properties and moisture resistance. It is extremely important to keep these materials thoroughly agitated while spraying. Coatings require the addition of an acid catalyst in order to cure. Since the catalyst has corrosive properties, neither the catalyst nor the catalyzed material should ever be stored in an unlined metal container. Thoroughly agitate material prior to the addition of catalyst. Add only the recommended ratio of catalyst and continue agitation for 5 minutes prior to spraying the material. **Do not over catalyze!** After catalyzation, material will have a maximum pot life of 24 hours.

Colourtone/Prism Paint materials have a limited amount of time between the application of the first and second coats and the application of topcoat. In order to achieve the proper chemical bond between coats, topcoat must be applied within 24 hours after applying the second coat. This time frame remains the same for both glazed and nonglazed products. The Colourtone/Prism Paint systems require a 15° conversion varnish topcoat. The use of any other topcoat material may result in lifting, discoloration, poor adhesion, cracking, poor moisture resistance and other finish related problems. Conestoga recommends the use of the DuraGuard glazes and topcoat in combination with Colourtone/Prism Paint finishing materials.

Surface Preparation for Colourtones and Prism Paints

- Fill all open voids with wood putty, sanding off excess putty.
- Sand surface of product with an oscillating palm sander using 180 grit sandpaper.

Spraying Colourtones and Prism Paints

- Thoroughly agitate Colourtone/Prism Paint material, add catalyst while material is under agitation. Add 4 ounces catalyst V66V21 to 1 gallon of Colourtone/Prism Paint in a lined metal can or plastic container. Pot life after catalyzation is 24 hours. Keep material under constant agitation.
- Spray Colourtone/Prism Paint material to a thickness of 4 wet mils.
- Allow first coat of material to dry for a minimum of 2 hours.
- Sand the entire surface with 280 grit sandpaper.
- Spray a second Colourtone/Prism Paint coat to a thickness of 4 wet mils.
- Allow the second coat to dry 2 hours before applying glaze or topcoat. A topcoat must be applied within 24 hours, whether product is glazed or unglazed.
- Allow topcoat to dry for a minimum of 4 hours before handling.

Glaze over Colourtones and Prism Paints

- Apply the glaze to all surfaces after the second coat of Colourtone/Prism Paint is fully dry. Glaze may be applied with a rag and/or a brush.
- Wipe glaze off surfaces immediately using a "selective" wiping technique, leaving behind the desired amount of glaze in the profiled and flat areas. If matching to Conestoga pre-finished products, ensure that the same amount of glaze is left in profiled areas and flat surfaces as on the Conestoga product.
- Allow glaze to dry for 1 hour.
- Spray with Conestoga's DuraGuard 15° sheen conversion varnish topcoat to a thickness of 4 wet mils. A topcoat must be applied within 24 hours, whether product is glazed or unglazed.
- Allow topcoat to dry for a minimum of 4 hours before handling.

DuraGuard Finishing Instructions (continued)

Topcoat over Colourtones and Prism Paints

- Thoroughly agitate topcoat material, ensuring there is no residue on bottom of can.
- Add 4 ounces of catalyst V66V21 per gallon of 15° sheen topcoat in a lined metal can or plastic container and agitate for 5 minutes prior to spraying. Keep topcoat under constant agitation. After catalyzation, the material has a 24 hour pot life. We do not recommend extending pot life by adding virgin material, as this will disrupt your catalyst ratio.
- Spray 4 wet mils of topcoat over Colourtone/Prism Paint.
- Allow topcoat to dry for a minimum of 4 hours before handling.

Antiquing on Colourtones and Prism Paints

Antiquing is a process to create the appearance that portions of the finish and even some of the substrate have been worn away from prolonged daily use.

- After allowing the Colourtone/Prism Paint material to thoroughly dry, the entire piece must be sanded with an oscillating palm sander using 280 grit sandpaper. Randomly sand through both coats of finish to expose the raw wood on profiled areas, edges and corners to simulate an aged, worn appearance. If antiquing is used in combination with the wear sanding option, follow the areas previously wear sanded. The amount and location of the antiquing should vary by personal preference, but should be focused on areas that would typically show wear from daily use. Refer frequently to the Heirloom sample door finished by Conestoga.

Primers

Conestoga's primers are available in white, light grey, medium grey and dark grey and are post catalyzed, acid cured primers, compatible with many high quality topcoats. While there are many topcoats available on the market today, Conestoga recommends only acid cured, pigmented conversion varnishes.

Surface Preparation for Primers

- Fill all open voids with wood putty, sanding off excess putty.
- Sand surface of product with an oscillating palm sander using 180 grit sandpaper.

Spraying Primers

- Thoroughly agitate primer materials, ensuring there is no residue on bottom of can. Add catalyst while the primer is under agitation in a lined metal can or plastic container.
- Add 14 ounces catalyst 494 to 1 gallon of primer. Pot life after catalyzation is 24 hours. Keep material under constant agitation.
- Spray primer to a thickness of 5 wet mils.
- Allow primer to dry for a minimum of 1 hour before sanding.
- Sealer sand the entire surface with 280 grit sandpaper prior to applying a color coat.

Heirloom Finish Treatment

Conestoga's Heirloom finishes duplicate the look of time worn cabinetry. In order to successfully perform the Heirloom finishing process you will need to have an Heirloom door finished by Conestoga to use as a guide for your finishing processes.

Surface Preparation

- White wood sand with a random orbital sander using 180 grit sandpaper, rounding off all sharp corners referring to your Conestoga Heirloom door sample as a guide.
- To replicate Conestoga's wear sanding option, round off corners of raised panel and exterior corners of framing using an orbital palm sander. The rounding of these corners is essential to replicate the Conestoga Heirloom finish appearance.

DuraGuard Finishing Instructions (continued)

Unitone Finish Treatment

Conestoga's Unitone finishes duplicate the look of time worn cabinetry. In order to successfully perform the Unitone finishing process you will need to have an Unitone door finished by Conestoga to use as a guide for your finishing processes.

Surface Preparation

- White wood sand with a orbital sander using 180 grit sandpaper.

Spraying Colourtones for Unitone Finishes

- Thoroughly agitate Colourtone material, add catalyst while material is under agitation in a lined metal can or plastic container. Add 4 ounce of catalyst V66V21 to all Heirloom Colourtone materials. Pot life after catalyzation is 24 hours. Keep material under constant agitation.
- Spray Colourtone/finish material to a thickness of 4 wet mils.
- Allow finish material to dry for a minimum of 2 hours before sanding.
- After allowing the Colourtone material to thoroughly dry, the entire piece must be lightly sanded with an oscillating palm sander using 280 grit sandpaper.

Glaze over Unitones

- Apply the glaze to all surfaces after the Colourtone material is fully dry. Glaze may be applied with a rag and/or brush.
- Wipe glaze off surfaces immediately using a "selective" wiping technique, leaving behind the desired amount of glaze in the profiled and distressed areas. If matching to Conestoga pre-finished products, ensure that the same amount of glaze is left in profiled areas and flat surfaces as on the Conestoga product.
- Allow the glaze to dry for 1 hour.

Topcoat over Unitone Colourtones

- Thoroughly agitate topcoat material, ensuring there is no residue on bottom of can.
- Add 4 ounces of catalyst V66V21 per gallon of 15° sheen topcoat in a lined metal can or plastic container and agitate for 5 minutes prior to spraying. Keep topcoat under constant agitation. After catalyzation, the material has a 24 hour pot life. We do not recommend extending pot life by adding virgin material, as this will disrupt your catalyst ratio.
- Spray a 4 wet mil coat and allow to dry for a minimum of 4 hours before handling.