

## Finishing Program Overview

- Conestoga’s finishing capabilities allow our customers to simplify their shop process by eliminating the finishing of doors, mouldings and other products. Outsourcing finishing ultimately reduces VOC emissions and helps streamline throughput by minimizing the finishing bottleneck.
- Conestoga’s finishing program consists of traditional wiping stains, Truetones, Colourtones, Prism Paints, Unitones, Heirloom finishes, glazes, brushed glazes, primers and topcoats. Combined, these finish options create a palette of over 7,000 unique combinations.
- Conestoga has two topcoats available: 15° (low sheen) and 40° (medium sheen). Topcoat glosses will not be custom matched.
- In addition to our standard colors, custom color matching is available for wiping stains. Consult the pricing page within this section for information on custom color charges.
- **We strongly recommend that sample doors be purchased in the desired color and design prior to placing full kitchen orders. This will ensure that the combination of specie, finish and glaze meets your expectations.**

## Finishing Process

- Prior to finishing, Conestoga’s doors are sanded on the automated sanding line to deliver a smooth, “finish-ready” product.
- To apply wiping stains and glazes, Conestoga uses a time-proven, hand wiped technique which delivers more color consistency and depth than simple spray stain applications.
- Most Conestoga framing beads are designed with a slight back bevel, which allows the stain to penetrate beyond the juncture of the framing bead and panel raise. During the wiping stain process an air nozzle is used to blow stain under the framing bead, minimizing the possibility of “white line” appearing on the panel raise during expansion and contraction. All doors are matched to a control sample for color consistency during the staining process.
- Colourtones and Prism Paints are applied using air-assisted, airless equipment.
- After staining or painting products are loaded onto our flat line finishing system to receive a sealer and/or topcoat. Our sealer is a high solids material that is applied and then sanded with a fine grit sandpaper after drying. The final coat is the application of a high solids conversion varnish topcoat in either 15° or 40° sheen. Conversion varnishes provide a superior finish with exceptional clarity, resistance to moisture and excellent overall durability. Conestoga has selected the topcoat sheen that generally provides the most pleasing appearance for each finish type. However, in some cases customers do have the option of selecting an alternate topcoat sheen with no upcharge.
- After curing, doors are inspected before being packaged for delivery to our customers.

Finish Type	Standard Sheen	Optional Sheen
Colourtone	15°	NA
Colourtone w/glaze	15°	NA
Heirloom Treatment	15°	NA
Prism Paints	15°	NA
Prism Paints w/glaze	15°	NA
Truetones	40°	15°
Truetones w/glaze	15°	40°
Unitone Treatment	15°	NA
Weathered Grain (all)	5°	15°
Wiping Stains	40°	15°
Wiping Stains w/glaze	15°	40°

## Finishing Tolerances

- Conestoga’s finishing tolerances are designed for solid wood applications. Application of finish on veneers, decorative accent items and MDF may result in some color variation. Similarly, finishes applied by the customer may vary slightly from those products finished by Conestoga. See the DuraGuard System information in this section for loose finish purchase information. Instructions for application are also published in this section and enclosed with DuraGuard finish orders.
- Conestoga cannot predict how a door, or portions of a door, will accept finish. Therefore, if a door meets our material specification standards in its unfinished state, it will be considered acceptable after finishing as well.

## Finishing Warranties

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- Conestoga's finishes carry a one year limited warranty against peeling or blistering, but no warranty against discoloration. Conestoga assumes no responsibility for damages or poor color match when finish is applied by the customer.
- Most wood species will naturally darken or yellow with age. Conestoga will not be held liable for the change in appearance of any product, finished or unfinished, due to this aging process.
- **We strongly recommend that a sample door be ordered in the desired specie, design and finish prior to ordering a full kitchen, regardless of the finish and specie combination.**
- Conestoga's finish materials are interior grade only and not intended for exterior use. Exposure to outdoor conditions will cause failure and will not be warranted.

## Wiping Stains

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- All Conestoga wiping stains are applied using a hand rubbed application. The process provides superior grain penetration of the finish material and a greater degree of depth.
- Lighter or white stains such as Alpine are not available over certain darker, high contrast species such as Mahogany or Walnut.
- Conestoga does not recommend darker finishes such as Colonial, Cordovan or Washington Cherry over light species such as Hard Maple or Soft Maple. The contrast, as well as the properties of Maple, creates a blotchy, uneven look. Therefore, these combinations are Not Recommended (NR), but can still be produced with a 20% upcharge on the Design Charge and no warranty on color consistency.
- Because Conestoga uses wiping stains, and wiping stains penetrate into the wood grain, end grain will stain and glaze darker than other areas of the piece. This will not be considered defective.

**Note: Utilizing Conestoga's End Grain Sealant Option will minimize end grain contrast.**

## Custom Wiping Stain Matching

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- A representative sample of the custom color to be matched must be provided. Once a finish is matched, the customer will be sent a hard sample and asked to sign an approval document. A custom color mix number will be assigned, which must be used every time an order is placed for that finish. There is a \$200.00 net charge for the initial custom match and a design and material upcharge for every subsequent use of an existing custom mix. **Allow 10 business days for completion of color matches.** Call Customer Service for a quote on packaged quarts or gallons of custom finishes.
- Our in-house matching capability assures our customers a prompt response of all wiping stain matching requests. Custom mixes are kept on record as long as the finish continues to be used. If no orders are placed using the custom stain match for one year, the mix will be voided. This process guarantees our customers a truly unique stain since it is matched to their exact specifications. Conestoga will only custom match wiping stains and will do so using a pigmented wiping stain.
- Custom stain matches with standard wiping glaze color options are available upon request.
- Conestoga offers 2 topcoat glosses, 15° and 40°, with no option to custom match other glosses.
- A Custom Wiping Stain Match form can be found at the end of the Finishing Program Section. Please fill out the appropriate information and send it along with a hard sample of the stain to be matched.

## Truetones

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- Conestoga's Truetone program consists of 7 finishes which includes both High and Low complexity colors.
- Low Complexity Truetones are lightly pigmented spray to color stains that include a small percentage of solids. They produce a very clean look, with minimal blotchiness. After the Truetone application a sealer and conversion varnish topcoat are applied.

## Truetones (continued)

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- High Complexity Truetones are a selection of deep, rich colors that are achieved through a two step application process. The first step is a delicate application of a low solids spray stain to act as a base color followed by a hand wiped custom stain that brings out the color depth and grain clarity. After this two-step application a sealer and conversion varnish are applied.
- Truetone finishes are also available with Brown, Caramel, Onyx, Oyster and Sable glazes.
- Specie availability includes Cherry, Hard Maple, Walnut and White Oak.
- Color range can and will vary from specie to specie, sometimes significantly.
- Non-glazed Truetone finishes receive a 40° sheen topcoat standard; however, 15° sheen topcoat is available but must be specified when placing order.
- Glazed Truetone finishes receive a 15° sheen topcoat standard; however, 40° sheen topcoat is available but must be specified when placing order.
- Normal contraction and expansion of the panels may cause unfinished areas, normally hidden by the framing bead to become visible, known as “white line”.
- Profiled areas may appear lighter in color than flat areas on both Low and High Complexity Truetones because of the color application process. The effect could be enhanced by certain profiles, such as a square framing bead, deep grooves and anywhere there is a defined change in the plane of the part. Selecting a glaze option will minimize this effect on any Truetone color.
- As with any stain, veneers will absorb finish materials differently than solid wood. This absorption difference may result in a slight appearance variation between solid wood and veneered components and is not considered defective.
- Truetones range in color from light to dark. Therefore, they may or may not possess the ability to disguise material variations as well as wiping stains. The use of Premium grade material will mitigate some of these variations.
- End grain will appear darker than non-end grain areas, even when a glaze is applied.  
**Note: Utilizing Conestoga’s End Grain Sealant Option will minimize end grain contrast.**
- When a distressing option is ordered, we recommend also adding a glaze to any Truetone finish to achieve the best overall appearance.

## Wiping Stains and Truetones with Hand Wiped Glazes

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- All Conestoga hand wiped glazes are applied using a hand rubbed application process to the entire surface of both the face and back of every door.
- Hand applied glazing is a very subjective statement. Each door becomes a “one-of-a-kind” and unique appearance and could vary slightly from door to door, but will blend within a job. Conestoga matches every glazed part to a control sample, however, color consistency is difficult to control on hand wiped glaze finishes. Factors that influence color consistency of hand wiped glaze finishes include door design, profiles, grain patterns, wood density, base color and the pre-glaze sanding process. Conestoga will not warrant these variations and considers them to be acceptable on hand wiped glaze products.
- We recommend that our customers develop a document that would be read and signed by the designer or end user indicating their understanding of the potential color issues with any stain and glaze finish. Such a document will help set customer expectations and protect all parties in the event of a color-based issue.
- **Conestoga strongly recommends a sample door be ordered in the desired design, specie and finish combination prior to ordering a full kitchen.**
- Conestoga maintains strict standards for its glazing processes. With this in mind, Conestoga will not custom match glaze colors or glaze application placement. Therefore, we offer only our standard glazing colors and treatment options.
- Wiping stain and Truetones with any glaze treatment receive a 15° sheen topcoat standard, however, 40° sheen topcoat is available but must be specified when placing order.

## Wiping Stains and Truetones with Hand Wiped Glazes (continued)

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- Hand wiped glazes significantly alter the appearance of the stain/specie combination. An attractive finish may look quite different once glazed. With this in mind, Conestoga does not recommend certain finish/glaze/specie combinations, and some combinations are not available. See the Offering and Availability Charts in this section for details.
- Conestoga's standard glaze offerings are available in combination with some custom wiping stain finish matches. For availability of glazing with custom stains, contact our Finishing Department 717-445-3252.

## Wiping Stains and Truetones with Pinstriped Glazes

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- Conestoga's Pinstripe Glaze Option allows the true base color of wiping stains and Truetones to remain intact while providing contrasting, clean glaze lines that are applied by hand using a finely trimmed brush.
- Pinstripe glazes are applied to the face and edge profiles of doors and drawer fronts, but not the backs. Panel Grooves are not available with Pinstripe glaze.
- Door designs and profile selections are critical to determine the glaze line placements and will vary in intensity depending on the depth or width of the profile areas being glazed.
- Pinstripe glazes are available on select door/drawer front designs, mouldings, ornaments and specialty products.
- Pinstripe glaze lines will show some degree of variation from door to door depending on the design selected, but will not necessarily duplicate all of the glaze lines that appear in the hand wiped glaze application. In some cases there will be fewer glaze lines with Pinstripe glazing compared to hand wiped glazes.
- Available glaze colors for Pinstripe glazing on hand wiped stains and Truetones include Brown, Caramel, Pewter and Sable.
- Pinstripe glazes on wiped stains and Truetones receive a 15° sheen topcoat; 40° sheen topcoat not available.

## Primed Products

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- Conestoga's priming capabilities allow you to outsource the time consuming process of prepping and priming your doors, drawer fronts and accessories. Outsourcing primed products reduces your company's VOC emissions and increases the efficiency and throughput of your finishing area.
- Conestoga offers 3 substrate materials for priming which include:
  - ◆ Solid wood – Cherry, Hard Maple, Paint Grade Hard Maple, Red Oak, Soft Maple and White Birch products are available in a wide variety of designs.
  - ◆ MDF – a 48-pound density MDF material. MDF products are limited in design options. (See the Alternative Materials section of this manual for options.)
  - ◆ Hybrid Products – hybrid products utilize Paint Grade Hard Maple framing in combination with 48-pound density MDF center panels. All published 1/4", 3/8", 5/8" and 3/4" panel raises are available in MDF material to use in a wide variety of wood framed door and drawer front designs.
- Conestoga offers 3 different primers:
  - ◆ Low Cost Primer – only available on Hybrid products, 1-piece MDF and 5-piece MDF products and is meant to achieve a modest price point. Solid wood and plywood products are not available with the Low Cost Primer Option. Before priming, any obvious voids or character marks will be filled and sanded, then a full coat of white primer is applied to the face and back. After the primer is applied, limited areas of roughness and open voids may be present. Conestoga will not fill or sand these characteristics after the primer is applied and they will not be considered defects.

## Primed Products (continued)

- ◆ Standard Primer – Standard Primer on wood products will be puttied and sanded, then a full coat of primer is applied to the face and back. All MDF and Hybrid products will also receive a detail coat of primer applied to all machined areas on the face (panel raise, framing bead and edge profiles). Once dry, the detail coat is scuff sanded and a full coat of primer is applied to the face and back. After the priming process is completed, limited areas of roughness and open voids may be present. The amount of these areas will vary from door to door and will not be filled or sanded by Conestoga.
- ◆ Double Coat Primer – Double Coat primed wood products will be puttied and sanded, then receive a coat of primer applied to the face and back of the product. After drying, any voids that become apparent are puttied and any excess putty removed. The first primer coat is scuff sanded then a second full coat of primer is applied to the face and back. No further sanding will be done. MDF and Hybrid products will be puttied and sanded, then receive a detail coat of primer applied to all machined areas (panel raise, framing bead and edges profiles). Once dry, the detail coat is scuff sanded and a full coat of primer is applied to the face and back. After the first coat dries, any apparent voids are puttied. The first coat of primer is scuff sanded and a second full coat of primer is applied to the face and back. No further puttying or sanding will be done by Conestoga.
- Conestoga’s primers are post catalyzed, acid cured and compatible with many high quality topcoats. Primer is available in white, light grey, medium grey and dark grey.
- Prior to priming, the substrate is prepared to accept the coating material. Putty is applied to the joints, open-end grain, tear outs and other visible voids. The product is then hand sanded to remove excess putty and provide a smooth, uniform surface to accept the primer coat.
- Most Conestoga framing beads are designed with a slight back bevel to allow some primer material to penetrate beneath the framing bead. However, due to the high solids content of the primer itself, bridging of the primer material may occur between the panel and the framing bead on 5-piece products. Moderate bridging is not considered a defect.
- After curing, doors are inspected, then packaged and shipped.
- There are many finishes available to paint residential cabinetry. While many of these products may work in combination with our primers, we recommend **only acid cured conversion varnish topcoats**. Testing for compatibility and adhesion between Conestoga’s primers and customer’s finish materials should take place on a test door prior to finishing any large items or multi-piece projects.
- Customers should scuff sand the primer using 280-grit sandpaper no more than 24 hours before applying any finish. All surfaces must receive this sanding step to achieve a mechanical bond.
- Conestoga’s primed products receive one coat of putty prior to application of primer. Smaller voids will become apparent after the primer has been applied. These voids are acceptable and will require a second coat of putty by the customer prior to painting.
- Conestoga’s primed products are subject to some natural grain raise during the priming process, which is not considered defective. Normal sanding preparation for topcoat application will remove these wood fibers.
- Conestoga’s primed products are manufactured using substrate materials that will expand and contract with fluctuations in climate, temperature and humidity. The movement of the substrate will cause fracturing anywhere sub-components have been joined together.
- This fracturing is not considered defective and will most likely occur in the following areas:
  - ◆ Framing joints – where the stiles meet the rails on the face and back of doors, 5-piece drawer fronts, wainscot panels and front frames.  
**Note: To eliminate the chance of joint separation, Conestoga recommends using the MDF panel option.**
  - ◆ Edge profiles – in both mitered and mortise and tenon joint construction at the exterior edges of the product.
  - ◆ Center panels – where the panel recesses into the framing. Bridging of the coating materials can occur between the panel and framing. Natural expansion and contraction of the substrate may fracture the bridging.

## Primed Products (continued)

- ◆ Panel face – where individual adjacent staves in the panel expand and contract at different rates causing minor offsets or highlighting of glue joints. Because the individual staves of the panel continue to contract and expand, lines may appear on solid wood panels and offsets may develop from one stave to another. These will not be considered defective.

**Note: To reduce the chance of stave offsets, Conestoga recommends using an MDF panel option.**

- Testing for compatibility and adhesion between Conestoga’s primers and customer’s finish materials should take place on a test door prior to finishing any large items or multi-piece projects. Conestoga assumes no responsibility for incorrect application of finish materials by the customer that may result in poor adhesion, color mismatch or other finish related issues. Conestoga will not warrant products due to incompatibility issues between our primers and non-DuraGuard finish materials.
- Primed products are individually wrapped, minimizing scuff marks.

## Colourtones

- Colourtones are opaque finishes, identical in appearance to paint. The coatings are pigmented basecoats that must be catalyzed prior to application. Colourtones require the application of a clear coat of conversion varnish as the final coat.
- Colourtones have a high solids content, resulting in better build and lower VOC emissions.
- We recommend adding the antiquing option when Colourtones are ordered with Cherry. Characteristics common to Cherry, such as pin knots, mineral and pitch pockets will be present in finished products. Presence of these characteristics will not be considered defective. Refer to the Offering and Availability Chart in this section for specie, finish and glaze availability.
- All Colourtone finishes will receive a 15° topcoat; 40° topcoat is not available.
- Veneer checking and seam separation are inherent characteristics of plywood panels and finished veneers that may appear to be cracks within the coating. These are caused by changes within the veneer and will not be considered defective.

**Note: To eliminate veneer checking, utilize the MDF center panel option.**

- Because Colourtones contain a high percentage of solids, certain characteristics such as joint fracturing will occur. Hairline cracks typically develop along joints on the face, back and edge profiles and can occur during normal handling or from the expansion and contraction of wood. Joint fracturing is not considered to be a defective.
  - The machining of end grain or MDF on certain profiles may result in those surfaces being porous and the finish on these surfaces may not be as full as the finish on non-machined areas.
  - Colourtone products are placed on drying racks after the coating application process. Small indentations or pin marks from drying racks may appear on the backs of Colourtone products and are not considered defects.
  - Because the individual staves of the panel continue to contract and expand, lines may appear on solid wood panels and offsets may develop from one stave to another. These stave lines will not be considered defective.
- Note: To eliminate panel stave offsets, utilize the MDF center panel option.**
- Colourtones may vary slightly from one batch to another, but will remain within a controlled color range.
  - Minor flaws such as dust particles, dimples and lint are more apparent with opaque finishes than with wiping stains. The presence of small amounts of these minor occurrences will be considered acceptable.
  - Coatings containing high solids are susceptible to bridging between the framing and center panel. Bridging occurs when the coating material joins the two separate surfaces together. This condition is common between multiple component products and is not considered defective. Over time, the natural expansion and contraction of wood may cause this bridging to fracture.

## Colourtones (continued)

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- As with most finishes, Colourtone colors will change over time due to exposure to light, pollution and chemicals. Additions or replacements to existing kitchens may not initially match finished products already in place.
- Customers interested in purchasing Colourtone finishing materials through the DuraGuard Program should reference DuraGuard Systems information found in this section of the manual for coatings pricing and availability.
- When purchasing multiple containers of loose Colourtone coating material, mix the contents of like finishes together prior to adding catalyst to achieve a consistent overall color.
- Catalyst must be added to all Colourtone finishes prior to application. The catalyzation process results in both a limited pot life and a recoat window. Mixture and application instructions are provided near the end of this section.
- Conestoga assumes no responsibility for incorrect application of DuraGuard materials by customers, which may result in poor adhesion, color mismatch or other finish related failures.
- We recommend that any topcoat other than DuraGuard products be tested for compatibility prior to application. Conestoga will not warrant products that fail due to non-compatible topcoat materials.

## Prism Paints

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- The Prism Paints program offers a selection of over 1,500 opaque colors. We do not recommend placing an order for a project in Prism Paints or Prism Paint with glaze based on the color represented in the fan deck. We strongly recommend a door sample of the actual finish be ordered prior to placing an order for a complete job. Conestoga will not assume responsibility for color related issues resulting from orders being placed without first ordering a sample door.
- Prism Paint coatings are acid catalyzed, pigmented basecoats, identical to Colourtone finishes. These coatings require the application of a final coat of clear conversion varnish.
- Prism Paints may differ in appearance to other types of coating such as acrylic, latex, enamels, or other paint systems with the same color name and number. Both the clear topcoat and spray application will effect texture, sheen and color of this product. It is strongly recommended that a finished sample door in the selected color to be ordered prior to ordering a full kitchen.
- Prism Paints are available on Cherry, Hard Maple, Paint Grade Hard Maple, Paint Grade Hard Maple Hybrid, Red Oak and MDF.
- All Prism Paints will receive a 15° topcoat; 40° topcoat is not available.
- Prism Paints are available with Caramel, Chai, Coffee, Oyster and Pewter glazes. Onyx glaze available with Pinstripe application only.
- Prism Paints are available with Pinstripe glaze and brushed glaze treatment on Cherry, Hard Maple, Paint Grade Hard Maple and Paint Grade Hard Maple Hybrid.
- Prism Paints are available with Heirloom treatment on Alder, Cherry, Hard Maple, Paint Grade Hard Maple and Red Oak.
- Prism Paints are available with Unitone treatment on Alder, Cherry, Hard Maple and Red Oak.
- Prism Paints are available on Cabinet Systems, however Prism Paints with glaze are not.
- Prism Paints are available on 14" sample chips, but not on 36" sample chips. Square foot minimums apply.
- Because Prism Paints contain a high percentage of solids, certain characteristics such as joint fracturing will occur. Hairline cracks typically develop along joints on the face, back and edge profiles and can occur during normal handling or from the expansion and contraction of wood. Paint fracturing at joints is not considered to be a defect.
- The machining of end grain or MDF on certain profiles may result in those surfaces being porous and the finish on these surfaces may not be as full or smooth as the finish on non-machined areas.

## Prism Paints (continued)

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- Products having been painted with Prism Paints will be placed on drying racks. Small indentations or pin marks from the drying racks may appear and are not to be considered defective.
- Because the individual staves of the panel continue to contract and expand, lines may appear on solid wood panels and offsets may develop from one stave to another. These stave lines will not be considered defective.  
**Note: to eliminate stave offsets, utilize the MDF center panel option.**
- Veneer checking and seam separation are inherent characteristics of plywood panels that may appear to be cracks within the coating. These are caused by changes within the veneer and will not be considered defective.  
**Note: to eliminate veneer checking, utilize the MDF center panel option.**
- Prism Paints may vary slightly from one batch to another, but will remain within a controlled color range. To avoid color variations, order all components for a project at one time.
- Minor flaws such as dust particles, dimples and lint may be present with opaque finishes. The presence of a small quantity of these defects will be considered acceptable.
- Coatings containing high solids are susceptible to bridging between the framing and center panel. Bridging occurs when the coating material joins the two separate surfaces together. This condition is common between multiple component products and is not considered defective. Over time the natural expansion and contraction of wood may cause this bridging to fracture.
- As with most finishes, Prism Paint colors will change over time due to exposure to light, pollution and chemicals. Additions or replacements to existing kitchens may not initially match finished products already in place.
- Customers interested in purchasing Prism Paint finishing materials through the DuraGuard Program should reference DuraGuard Systems information found in this section of the manual for coatings pricing and selection. It is strongly recommended that the paint be ordered at the same time as the finished parts to ensure an accurate color match.
- When purchasing multiple containers of loose Prism Paint coating material, mix the contents of like finishes together prior to adding catalyst to achieve a consistent overall color.
- Catalyst must be added to all Prism Paints prior to application. The catalyzation process results in both a limited pot life and a recoat window. Mixture and application instructions are provided near the end of this section.
- Conestoga assumes no responsibility for incorrect application of Prism Paint materials by customers, which may result in poor adhesion, color mismatch or other finish related failures.
- We recommend that any topcoat other than DuraGuard products be tested for compatibility prior to application. Conestoga will not warrant products that fail due to non-compatible topcoat materials.

## Colourtones and Prism Paints with Hand Wiped Glazes

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- Hand wiped glaze treatments offer a distinctive appearance, significantly altering the base Colourtone/Prism Paint color. The random nature of the hand wiped glazing option ensures slight variations from one product to the next, giving a unique look to the finished kitchen.
- Each hand wiped glaze possesses specific characteristics that determine the appearance of the glaze on finished parts. Coffee, Caramel, Pewter and White glaze are all heavily pigmented glazes; therefore they create a significant color change to the base Colourtone/Prism Paint. Profiled areas where these glazes are applied develop dark lines that outline the profile. Chai and Oyster glazes are lighter in color and produce a more subtle color change to the base Colourtone/Prism Paint. They also produce much less of the highlighting effect in profiles areas.
- Colourtones/Prism Paints receiving the hand wiped glazed option will have slight inconsistencies in appearance. Variations, however slight, are inherent to this finish combination. To successfully market this product, education of your production personnel, installers, sales staff, designers and clients must take place.



## Colourtones and Prism Paints with Hand Wiped Glazes (continued)

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- Characteristics of hand wiped glaze finishes include variations in:
  - ◆ Glaze “hang” with noticeable variations on edge profiles, panel raises and applied mouldings.
  - ◆ Absorption into end grain on framing and panel raises.
  - ◆ Highlighting of machined areas, which normally do not appear with typical wiping stains or base Colourtone/Prism Paint colors.
  - ◆ Appearance of blotches and rag marks.
- Glazed Colourtones/Prism Paints will remain within a controlled range of color, however, individual pieces will vary slightly.
- As with any Colourtone/Prism Paint product, we do not recommend ordering plywood panel doors or other veneered products due the inherent cracking and checking that takes place in veneers. Veneer checking will not be considered a finishing defect.
 

**Note: To eliminate veneer checking, utilize the MDF center panel option.**
- Use of hand wiped glazes on mitered and applied moulding products will greatly enhance any offset that may be present in the joint construction.
- MDF doors finished with Colourtones/Prism Paints and hand wiped glazes will have noticeable variations in glaze hang and absorption on profiled areas. Machined areas may contain small pinholes that are highlighted by the glaze and will not be considered defects.
- Cabinet Systems – when selecting a Colourtone/glaze finish on Cabinet Systems, be aware that some of the more popular Colourtone/glaze combinations have been matched with what is termed a Post Glaze finish. Post Glaze finishes are applied to the Cabinet Systems front frames and end panels and closely resemble the hand applied Colourtone/glaze combination. Be aware that while hand applied Colourtone/glaze and Post Glaze finishes provide a very close match on flat surfaces such as end panels, when glazes are hand applied to contoured areas such as profiled door framing, the appearance can vary and slight mismatches between end panels, front frames, doors and drawer fronts may occur. Slight mismatches between components finished with hand glazed Colourtones and Post Glazed Colourtone finishes are not considered defective as this same result can occur when the entire cabinet is finished with hand applied Colourtone/ glaze finishes.
- The machining of end grain on certain profiles may result in those surfaces being porous and the finish on these surfaces may not be as full as the finish on non-end grain areas. This will cause the glaze to be darker on these areas than on non-end grain surfaces and are not considered to be defective.

## Colourtones and Prism Paints with Pinstriped Glazes

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- Conestoga’s Pinstripe Glaze Option allows the true base color of Colourtones and Prism Paints to remain intact while providing contrasting, clean glaze lines that are applied by hand using a finely trimmed brush.
- Pinstripe glazes are applied to the face and edge profiles off doors and drawer fronts, but not the backs. Panel Grooves are not available with Pinstripe glaze.
- Door designs and profile selections are critical to determine the glaze line placements and will vary in intensity depending on the depth or width of the profile areas being glazed.
- Pinstripe glazes are available on select door/drawer front designs, mouldings, ornaments and specialty products.
- Pinstripe glaze lines will show some degree of variation from door to door depending on the design selected, but will not necessarily duplicate all of the glaze lines that appear in the hand wiped glaze application. In some cases there will be fewer glaze lines with Pinstripe glazing compared to hand wiped glazes.
- Available glaze color for Pinstripe glazing on Colourtones and Prism Paints include Caramel, Coffee, Pewter and Onyx.
- Pinstripe glazes on Colourtones and Prism Paints receive a 15° sheen topcoat; 40° sheen topcoat not available.

## Brushed Glaze Effect on Colourtones and Prism Paints

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- Colourtones/Prism Paints with a brushed glaze effect offer the classic look of a painted basecoat and glaze; this glaze treatment appears to have been applied with a paint brush. Simulated brush strokes in the glaze have been achieved using a precise sanding process prior to the glaze application. This finishing technique utilizes identical materials as our Colourtone/Prism Paint and Heirloom lines, offering similar durability and moisture resistance.
- As with hand wiped glaze finishes, the brushed glaze process significantly alters the tone of the base color. Full sized samples of the actual door design should be obtained before placing an entire kitchen order.
- The etched surface, created during the sanding process, provides a unique appearance on each product and will vary from one surface to the next and one product to the next. These differences can be magnified by the product design and are not considered to be defective.
- Simulated brush strokes will either stop short of, or overlap the frame joints on both mortise and tenon and mitered designs. Scratch patterns that stop short of the joint, or overlap the joint help to create an imperfect, but authentic appearance and are not considered defective. This same condition will be apparent on each profiled corner of a panel raise or 1-piece drawer front.
- The amount of glaze hang is directly dependent on the degree and direction of the pre-glaze sanding. Individual products within an order will vary in appearance. These variations are not considered defective.
- The brush strokes will follow the grain direction of the door and drawer front to which it is being applied. The panels of 5-piece doors will be brushed vertically and panels of 5-piece drawer fronts will be brushed horizontally.
- The brushed glaze effect possesses the same characteristics as those outlined in the Colourtones/Prism Paints with Hand Wiped Glazes Section.

## Heirloom Treatment on Colourtones and Prism Paints

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- Conestoga's Heirloom treatment provides a unique, distinctive appearance. It is very likely that each door, drawer front and accessory item will differ somewhat in appearance. When all pieces are combined in an installed kitchen, the Heirloom treatment make an attractive design statement.
- The overall appearance of the Heirloom treatment is achieved by combining three elements: one layer of Colourtone/Prism Paint material, a hand wiped glaze application and a combination of specific distressing techniques referred to as the Vintage Distressing Package. Although options exist as to which base color and glaze are chosen, each Heirloom treatment must contain these three elements.
- Vintage Distressing Package includes wear sanding, level 2 distressing, rasp marks and antiquing. Veneers, endskins, plywood and front frames will not receive wear sanding or antiquing and will receive less distressing than doors.
- Depending upon the specie of wood chosen and the type of grain present within the individual product, the Heirloom treatment can range in appearance from opaque to semi-opaque, many times allowing the grain pattern in the wood to telegraph through the coating, enhancing the overall aged look.
- **We strongly recommend that sample doors be purchased in the desired design and finish prior to placing full kitchen orders. This will ensure that the combination of specie, finish and glaze meets your expectations.**
- Specific species and grades of wood are available with the Heirloom treatment. Characteristics that are common to some species, such as pitch pockets in Cherry, will be present in the finished products. See the Offering and Availability Chart in this section for a complete listing of specie, finish and glaze availability.
- The Heirloom treatment receives a 15° topcoat; 40° topcoat is not available.
- Products coated with the Heirloom treatment are placed on drying racks after the coating application process. As a result, small indentations or pin marks from these drying racks will appear on the backs of Heirloom products. These indentations are not considered defects.

## Heirloom Treatment on Colourtones and Prism Paints (continued)

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- Minor flaws such as dust particles, dimples and lint may be present with Heirloom treatment. The presence of small amounts of dust and lint will be considered acceptable.
- Because the coating material used in the Heirloom treatment contains a high amount of solids, certain characteristics such as joint fracturing will occur. Hairline cracks typically develop on the face, back and edge profiles, and can occur during normal handling of the finished product. Joint fracturing is not considered a defect.
- As with most finishes, Heirloom coatings will change over time due to exposure to light, pollution and chemicals. Additions or replacements to existing kitchens may not initially match finished products already in place.
- When purchasing multiple containers of loose Colourtone/Prism Paint coating material, mix the contents of like finishes together prior to adding catalyst to achieve a consistent overall color.
- Catalyst must be added to all Colourtone/Prism Paint coating materials prior to application. The catalyation process results in both a limited pot life and a recoat window.
- Mixture and application instructions of loose Colourtone/Prism Paint materials through the DuraGuard Program are published near the end of this section.
- As with any coating that utilizes a glazing material, certain characteristics of hand wiped glaze applications will be apparent in the overall finished appearance.
- The characteristics and variations are as follows:
  - ◆ Noticeable variations in glaze “hang” on edge profiles, panel raises, miter joints and applied mouldings.
  - ◆ Absorption into end grain on framing and panel raises.
  - ◆ Highlighting of machined areas, which normally do not appear in typical wiping stain applications.
  - ◆ The presence of rag marks and blotches.
  - ◆ Slight variations in the finished color from one product to another.
- As with all high solid based coating materials, we do not recommend ordering plywood panel doors or other veneered products due to the inherent cracking and checking that naturally occurs. Veneer checking or cracking will not be considered a finishing or material defect.  
**Note: to eliminate veneer checking, utilize the MDF center panel option.**
- While the overall color of Heirloom treatment will be produced within a certain color range, the glazing and distressing techniques are designed to generate a great deal of variation in the finished appearance from one door to the next. While specific imperfections and characteristics may appear exaggerated from one product to the next, the overall look is intended to blend together, providing a unique appearance to your finished kitchen.
- We recommend that any topcoat other than DuraGuard products be tested for compatibility prior to application. Conestoga will not warrant products that fail due to non-compatible topcoat materials.
- Conestoga assumes no responsibility for incorrect application of DuraGuard materials by customers, which may result in poor adhesion, color mismatch or other finish related failures.
- Customers interested in purchasing Heirloom coating and glaze materials through the DuraGuard Program should reference specific Colourtone and glazing materials in the DuraGuard Systems information found in this section of the manual.

## Unitone Treatment

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- Conestoga’s Unitone treatment provides a unique, distinctive look. It is very likely that each door, drawer front and accessory item will differ somewhat in appearance. When all pieces are combined in an installed kitchen, the Unitone treatment make an attractive design statement.
- The overall appearance of the Unitone treatment is achieved by combining two elements: one layer of Colourtone or Prism Paint material and a hand wiped glaze application.

## Unitone Treatment (continued)

- Depending upon the specie of wood chosen and the type of grain present within the individual product, the Unitone treatments can range in appearance from opaque to semi-opaque, many times allowing the grain pattern in the wood to telegraph through the coating, enhancing the overall aged look.
- **We strongly recommend that sample doors be purchased in the desired color and design prior to placing full kitchen orders. This will ensure that the combination of specie, finish and glaze meets your expectations.**
- Specific species and grades of wood are available with the Unitone treatment. Characteristics that are common to some species, such as pitch pockets in Cherry, will be present in the finished products. See the Offering and Availability Chart in this section for a complete listing of specie, finish and glaze availability.
- Other options may be applied including wear sanding, antiquing, distressing levels 1, 2 and 3 or distressing à la carte.
- The Unitone treatment receive a 15° topcoat; 40° topcoat is not available.
- Products with the Unitone treatment are placed on drying racks after the coating application process. As a result, small indentations or pin marks from these drying racks will appear on the backs of Unitone products. These indentations are not considered defects.
- Minor flaws such as dust particles, dimples and lint may be present with the Unitone treatment. The presence of small amounts of dust and lint will be considered acceptable.
- Because the coating material used in the Unitone treatment contains a high amount of solids, certain characteristics such as joint fracturing will occur. Hairline cracks typically develop on the face, back and edge profiles, and can occur during normal handling of the finished product. Joint fracturing is not considered a defect.
- As with most finishes, Unitone coatings will change over time due to exposure to light, pollution and chemicals. Additions or replacements to existing kitchens may not initially match finished products already in place.
- When purchasing multiple containers of loose Colourtone or Prism Paint coating materials, mix the contents of like finishes together prior to adding catalyst to achieve a consistent overall color.
- Catalyst must be added to all Colourtone and Prism Paint coating materials prior to application. The catalyzation process results in both a limited pot life and a recoat window.
- Mixture and application instructions of loose Colourtone or Prism Paint materials through the DuraGuard Program are published near the end of this section.
- As with any coating that utilizes a glazing material, certain characteristics of hand wiped glaze applications will be apparent in the overall finished appearance.
- The characteristics and variations are as follows:
  - ◆ Noticeable variations in glaze “hang” on edge profiles, panel raises, miter joints and applied mouldings.
  - ◆ Absorption into end grain on framing and panel raises.
  - ◆ Highlighting of machined areas, which normally do not appear in typical wiping stain applications.
  - ◆ The presence of rag marks and blotches.
  - ◆ Slight variations in the finished color from one product to another.
- As with all high solid based coating materials, we do not recommend ordering plywood panel doors or other veneered products due to the inherent cracking and checking that naturally occurs. Veneer checking or cracking will not be considered a finishing or material defect.  
**Note: to eliminate veneer checking, utilize the MDF center panel option.**

## Unitone Treatment (continued)

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- While the overall color of the Unitone treatment will be produced within a certain color range, the glazing technique is designed to generate variation in the finished appearance from one door to the next. While specific imperfections and characteristics may appear exaggerated from one product to the next, the overall look is intended to blend together, providing a unique appearance to your finished kitchen.
- We recommend that any topcoat other than DuraGuard products be tested for compatibility prior to application. Conestoga will not warrant products that fail due to non-compatible topcoat materials.
- Conestoga assumes no responsibility for incorrect application of DuraGuard materials by customers, which may result in poor adhesion, color mismatch or other finish related failures.
- Customers interested in purchasing Unitone coating and glaze materials through the DuraGuard Program should reference specific Colourtone, Prism Paint and glazing materials in the DuraGuard Systems information found in this section of the manual.

## Antiquing

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- Antiquing is a random sanding process that takes place prior to glaze and topcoat. It is a rub through process, performed on corners and edges exposing bare wood, which will then be glazed and topcoated.
- Antiquing is not available on 1-piece or 5-piece MDF products or Hybrid doors with a raised panel face.
- To achieve a heavier level of antiquing, combine this option with our wear sanding option. Wear sanding is a process that softens and reshapes some profiled areas prior to finishing. Antiquing is the perfect complement to wear sanding and produces an authentic, worn look. See the Design Options Section for pricing.
- Antiquing and wear sanding are not available on front frames.
- Antiquing and wear sanding are available on range hoods, but may be limited in intensity depending on the style of the hood.

## End Grain Sealant

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- A sealant material is applied to the end grain of the panel raise and framing which results in a more uniform appearance between the end grain and face grain after finish is applied. While the End Grain Sealant Option will greatly improve the end grain appearance, end grain will still appear somewhat darker than non-end grain areas.
- The End Grain Sealant Option is available on all published species, panel raises, framing beads and edge profiles.
- The End Grain Sealant Option is available with wiping and spray stains with the exception of Bordeaux, Dark Roast, Espresso, Nickel and Nitefall. End Grain Sealant Option is not available with primers, Colourtones or Prism Paints.

## Distressing

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- Distressing Levels
  - ◆ Level 1 – a random distribution of nicks and impressions.
  - ◆ Level 2 – a random distribution of nicks and impressions, simulated wormholes, razor cuts and cut joints.
  - ◆ Level 3 – a random distribution of nicks and impressions, simulated wormholes, rasp marks and simulated cracks.
  - ◆ Individual distressing treatments are also available. See Design Options Section for treatment descriptions and pricing.

## Distressing (continued)

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- Keep in mind that each option is random in application, designed to give doors and drawer fronts an aged, antique-like appearance. Most distress markings will typically not appear on raise profiles.
- Different door designs, styles and species will display distressing differently.
- Conestoga recommends ordering distressing with all prefinished Pine products because of the softness of Pine.
- Antiquing and distressing are subjective treatments. Conestoga only offers standard versions of these treatments. Custom antiquing and distressing is not available. See the Custom Finishing Chart in this section for pricing.
- Front frames and range hoods will receive a modified distressing package. Distressing on range hoods may be limited in intensity depending on the style of the hood.

## Cross Grain Sanding

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- This option is automatically included at no charge on prefinished doors and drawer fronts.

## Customer Responsibilities

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- All sample doors and swatches should be properly labeled with specie, finish color, date and sales order number.
- Sample doors and swatches should be stored in such a manner that they are not exposed to light or extreme heat for an extended period of time. Exposure to sunlight, indoor lighting or extreme heat will cause samples to discolor and they will no longer be an accurate representation of color. Sample swatches should be discarded and replaced when their expiration date is reached.
- **Sample doors and swatches should be replaced every 12 months or when they become discolored.** Cherry will need to be replaced more frequently than other species. Conestoga cannot guarantee that a current order will match a sample more than 12 months old. Jobs sold from a sample swatch older than one year will not be warranted for color match.
- We strongly recommend that a full kitchen **not be sold from a color swatch or fan deck**. Order a sample door to show a greater array of possible character effects on a particular color, design and specie combination.
- For displays that are older than one year or that may be discolored, we recommend that customers obtain a current sample door in that specie, stain and glaze combination. Remember, display kitchens do change color due to their exposure to natural light, indoor lighting, heat and other conditions. The change that takes place is very gradual and may be difficult to detect, especially if viewed daily.
- If a job is ordered based on the color of a sample door or display, make sure the sample is less than one year old and the color is accurate. Customers asking for replacements because the job does not match their sample will be asked to provide the original sample sales order number so the age of the sample may be determined. **Conestoga will not warrant products for color mismatch if the sample is more than 12 months old or is discolored due to excessive exposure.**

## Offering and Availability

Colourtones										
	Antique White	Arctic White	Cadet Grey	Canyon	Chesapeake	Crystal White	Designer White	Ebony*	Frosty White	Hearthstone Grey
<b>Birch, White</b>										
No Glaze	R	R	R	R	R	R	R	X	R	R
Caramel	X	X	R	X	R	X	X	X	X	R
Chai	X	R	R	X	R	R	R	X	R	R
Coffee	X	R	R	R	R	R	R	X	R	R
Oyster	X	R	NR	X	R	R	R	X	R	NR
Pewter	X	R	R	NR	R	R	R	X	R	R
White	X	X	R	X	R	X	X	X	X	R
<b>Cherry</b>										
No Glaze	NR	NR	R	NR	NR	NR	NR	R	NR	R
Caramel	X	X	R	X	NR	X	X	X	X	R
Chai	X	NR	R	X	NR	NR	NR	X	NR	R
Coffee	X	NR	R	NR	NR	NR	NR	X	NR	R
Oyster	X	NR	NR	X	NR	NR	NR	X	NR	NR
Pewter	X	NR	R	NR	NR	NR	NR	X	NR	R
White	X	NR	R	X	NR	X	NR	X	X	R
<b>Maple, Hard</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Caramel	X	X	R	X	R	X	X	X	X	R
Chai	X	R	R	X	R	R	R	X	R	R
Coffee	X	R	R	R	R	R	R	X	R	R
Oyster	X	R	NR	X	R	R	R	X	R	NR
Pewter	X	R	R	NR	R	R	R	X	R	R
White	X	NR	R	X	R	X	NR	X	X	R
<b>MDF</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Caramel	X	X	R	X	R	X	X	X	X	R
Chai	X	R	R	X	R	R	R	X	R	R
Coffee	X	R	R	R	R	R	R	X	R	R
Oyster	X	R	NR	X	R	R	R	X	R	NR
Pewter	X	R	R	NR	R	R	R	X	R	R
White	X	NR	R	X	R	X	NR	X	X	R
<b>Paint Grade Hard Maple</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Caramel	X	X	R	X	R	X	X	X	X	R
Chai	X	R	R	X	R	R	R	X	R	R
Coffee	X	R	R	R	R	R	R	X	R	R
Oyster	X	R	NR	X	R	R	R	X	R	NR
Pewter	X	R	R	NR	R	R	R	X	R	R
White	X	NR	R	X	R	X	NR	X	X	R
<b>Oak, Red</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Caramel	X	X	R	X	R	X	X	X	X	R
Chai	X	R	R	X	R	R	R	X	R	R
Coffee	X	R	R	R	R	R	R	X	R	R
Oyster	X	R	NR	X	R	R	R	X	R	NR
Pewter	X	R	R	NR	R	R	R	X	R	R
White	X	X	R	X	R	X	X	X	X	R

\* Ebony Colourtones will magnify any small imperfection. It is strongly recommended that Ebony be sold only with antiquing or distressing. Small imperfections such as dust or lint will not be considered defects.

### Using Offering and Availability Charts

Offering and Availability Charts should be referenced prior to placing an order.

- Locate the desired finish in the top row, then follow the row down to the desired specie/glaze combination found along the left column of the chart.
- The box where the finish, specie and glaze combination intersects, will contain one of the following references:

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Offering and Availability

<b>Colourtones</b>				
	Heron	Marina	Metropolitan Grey	Regent Blue
<b>Birch, White</b>				
No Glaze	R	R	R	R
Caramel	R	X	R	X
Chai	R	R	R	R
Coffee	R	R	R	R
Oyster	NR	R	NR	R
Pewter	R	R	NR	R
White	R	X	R	X
<b>Cherry</b>				
No Glaze	R	NR	R	NR
Caramel	R	X	R	X
Chai	R	NR	R	NR
Coffee	R	NR	R	NR
Oyster	NR	NR	NR	NR
Pewter	R	NR	NR	NR
White	R	X	R	X
<b>Maple, Hard</b>				
No Glaze	R	R	R	R
Caramel	R	X	R	X
Chai	R	R	R	R
Coffee	R	R	R	R
Oyster	NR	R	NR	R
Pewter	R	R	NR	R
White	R	X	R	X
<b>MDF</b>				
No Glaze	R	R	R	R
Caramel	R	X	R	X
Chai	R	R	R	R
Coffee	R	R	R	R
Oyster	NR	R	NR	R
Pewter	R	R	NR	R
White	R	X	R	X
<b>Paint Grade Hard Maple</b>				
No Glaze	R	R	R	R
Caramel	R	X	R	X
Chai	R	R	R	R
Coffee	R	R	R	R
Oyster	NR	R	NR	R
Pewter	R	R	NR	R
White	R	X	R	X
<b>Oak, Red</b>				
No Glaze	R	R	R	R
Caramel	R	X	R	X
Chai	R	R	R	R
Coffee	R	R	R	R
Oyster	NR	R	NR	R
Pewter	R	R	NR	R
White	R	X	R	X

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.



## Offering and Availability

Pinstripe Glazes – Colourtones									
	Antique White	Arctic White	Cadet Grey	Canyon	Chesapeake	Crystal White	Designer White	Frosty White	Hearthstone Grey
<b>Birch, White</b>									
Caramel	R	R	R	R	R	R	R	R	R
Chai	X	X	X	X	X	X	X	X	X
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Oyster	X	X	X	X	X	X	X	X	X
Pewter	R	R	R	R	R	R	R	R	R
White	X	X	X	X	X	X	X	X	X
<b>Cherry</b>									
Caramel	R	R	R	R	R	R	R	R	R
Chai	X	X	X	X	X	X	X	X	X
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Oyster	X	X	X	X	X	X	X	X	X
Pewter	R	R	R	R	R	R	R	R	R
White	X	X	X	X	X	X	X	X	X
<b>Maple, Hard</b>									
Caramel	R	R	R	R	R	R	R	R	R
Chai	X	X	X	X	X	X	X	X	X
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Oyster	X	X	X	X	X	X	X	X	X
Pewter	R	R	R	R	R	R	R	R	R
White	X	X	X	X	X	X	X	X	X
<b>MDF</b>									
Caramel	R	R	R	R	R	R	R	R	R
Chai	X	X	X	X	X	X	X	X	X
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Oyster	X	X	X	X	X	X	X	X	X
Pewter	R	R	R	R	R	R	R	R	R
White	X	X	X	X	X	X	X	X	X
<b>Paint Grade Hard Maple</b>									
Caramel	R	R	R	R	R	R	R	R	R
Chai	X	X	X	X	X	X	X	X	X
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Oyster	X	X	X	X	X	X	X	X	X
Pewter	R	R	R	R	R	R	R	R	R
White	X	X	X	X	X	X	X	X	X
<b>Oak, Red</b>									
Caramel	R	R	R	R	R	R	R	R	R
Chai	X	X	X	X	X	X	X	X	X
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Oyster	X	X	X	X	X	X	X	X	X
Pewter	R	R	R	R	R	R	R	R	R
White	X	X	X	X	X	X	X	X	X

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Offering and Availability

<b>Pinstripe Glazes – Colourtones</b>				
	Heron	Marina	Metropolitan Grey	Regent Blue
<b>Birch, White</b>				
Caramel	R	R	R	R
Chai	X	X	X	X
Coffee	R	R	R	R
Onyx	R	R	R	R
Oyster	X	X	X	X
Pewter	R	R	R	R
White	X	X	X	X
<b>Cherry</b>				
Caramel	R	R	R	R
Chai	X	X	X	X
Coffee	R	R	R	R
Onyx	R	R	R	R
Oyster	X	X	X	X
Pewter	R	R	R	R
White	X	X	X	X
<b>Maple, Hard</b>				
Caramel	R	R	R	R
Chai	X	X	X	X
Coffee	R	R	R	R
Onyx	R	R	R	R
Oyster	X	X	X	X
Pewter	R	R	R	R
White	X	X	X	X
<b>MDF</b>				
Caramel	R	R	R	R
Chai	X	X	X	X
Coffee	R	R	R	R
Onyx	R	R	R	R
Oyster	X	X	X	X
Pewter	R	R	R	R
White	X	X	X	X
<b>Paint Grade Hard Maple</b>				
Caramel	R	R	R	R
Chai	X	X	X	X
Coffee	R	R	R	R
Onyx	R	R	R	R
Oyster	X	X	X	X
Pewter	R	R	R	R
White	X	X	X	X
<b>Oak, Red</b>				
Caramel	R	R	R	R
Chai	X	X	X	X
Coffee	R	R	R	R
Onyx	R	R	R	R
Oyster	X	X	X	X
Pewter	R	R	R	R
White	X	X	X	X

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Offering and Availability

Unitone Treatment									
	Antique White	Arctic White	Cadet Grey	Canyon	Chesapeake	Crystal White	Designer White	Frosty White	Hearthstone Grey
<b>Alder</b>									
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R	R	R
<b>Cherry</b>									
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R	R	R
<b>Maple, Hard</b>									
Coffee	NR	NR	NR	NR	NR	NR	NR	NR	NR
Onyx	NR	NR	NR	NR	NR	NR	NR	NR	NR
Pewter	NR	NR	NR	NR	NR	NR	NR	NR	NR
<b>Paint Grade Hard Maple</b>									
Coffee	NR	NR	NR	NR	NR	NR	NR	NR	NR
Onyx	NR	NR	NR	NR	NR	NR	NR	NR	NR
Pewter	NR	NR	NR	NR	NR	NR	NR	NR	NR
<b>Oak, Red</b>									
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R	R	R

Unitone finish is not available on MDF or hybrid products.

Heirloom Treatment									
	Antique White	Arctic White	Cadet Grey	Canyon	Chesapeake	Crystal White	Designer White	Frosty White	Hearthstone Grey
<b>Alder</b>									
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R	R	R
<b>Cherry</b>									
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R	R	R
<b>Maple, Hard</b>									
Coffee	NR	NR	NR	NR	NR	NR	NR	NR	NR
Onyx	NR	NR	NR	NR	NR	NR	NR	NR	NR
Pewter	NR	NR	NR	NR	NR	NR	NR	NR	NR
<b>Paint Grade Hard Maple</b>									
Coffee	NR	NR	NR	NR	NR	NR	NR	NR	NR
Onyx	NR	NR	NR	NR	NR	NR	NR	NR	NR
Pewter	NR	NR	NR	NR	NR	NR	NR	NR	NR
<b>Oak, Red</b>									
Coffee	R	R	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R	R	R

**Ebony Heirloom:** finish includes Cordovan highlights on antiqued areas in place of glazing. Ebony Heirloom is available on all of the above listed species. Heirloom finish is not available on MDF or hybrid products.

Primed Only Standard & Double Coat	Light Grey	Medium Grey	Dark Grey	White
Birch, White	R	R	R	R
Cherry	R	R	R	R
Maple, Hard	R	R	R	R
Maple, Soft	R	R	R	R
MDF	R	R	R	R
Paint Grade Hard Maple	R	R	R	R
Paint Grade Hard Maple Hybrid	R	R	R	R
Oak, Red	R	R	R	R

Primed Only Low Cost	Light Grey	Medium Grey	Dark Grey	White
MDF	X	X	X	R
Paint Grade Hard Maple Hybrid	X	X	X	R

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Offering and Availability

Unitone Treatment			
	Heron	Marina	Metropolitan Grey
<b>Alder</b>			
Coffee	R	R	R
Onyx	R	R	R
Pewter	R	R	R
<b>Cherry</b>			
Coffee	R	R	R
Onyx	R	R	R
Pewter	R	R	R
<b>Maple, Hard</b>			
Coffee	NR	NR	NR
Onyx	NR	NR	NR
Pewter	NR	NR	NR
<b>Paint Grade Hard Maple</b>			
Coffee	NR	NR	NR
Onyx	NR	NR	NR
Pewter	NR	NR	NR
<b>Oak, Red</b>			
Coffee	R	R	R
Onyx	R	R	R
Pewter	R	R	R

Heirloom Treatment			
	Heron	Marina	Metropolitan Grey
<b>Alder</b>			
Coffee	R	R	R
Onyx	R	R	R
Pewter	R	R	R
<b>Cherry</b>			
Coffee	R	R	R
Onyx	R	R	R
Pewter	R	R	R
<b>Maple, Hard</b>			
Coffee	NR	NR	NR
Onyx	NR	NR	NR
Pewter	NR	NR	NR
<b>Paint Grade Hard Maple</b>			
Coffee	NR	NR	NR
Onyx	NR	NR	NR
Pewter	NR	NR	NR
<b>Oak, Red</b>			
Coffee	R	R	R
Onyx	R	R	R
Pewter	R	R	R

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## Offering and Availability

Brushed Glaze Effect											
	Arctic White	Cadet Grey	Canyon	Chesapeake	Crystal White	Designer White	Frosty White	Hearthstone Grey	Heron	Marina	Metropolitan Grey
<b>Cherry*</b>											
Caramel	X	R	X	R	X	X	X	R	R	X	R
Chai	R	NR	X	R	R	R	R	R	NR	R	NR
Coffee	R	R	R	R	R	R	R	R	R	R	R
Oyster	R	NR	X	R	R	R	R	NR	NR	R	NR
Pewter	R	NR	X	R	R	R	R	R	NR	R	NR
<b>Maple, Hard</b>											
Caramel	X	R	X	R	X	X	X	R	R	X	R
Chai	R	NR	X	R	R	R	R	R	NR	R	NR
Coffee	R	R	R	R	R	R	R	R	R	R	R
Oyster	R	NR	X	R	R	R	R	NR	NR	R	NR
Pewter	R	NR	X	R	R	R	R	R	NR	R	NR
<b>Paint Grade Hard Maple / Paint Grade Hard Maple Hybrid</b>											
Caramel	X	R	X	R	X	X	X	R	R	X	R
Chai	R	NR	X	R	R	R	R	R	NR	R	NR
Coffee	R	R	R	R	R	R	R	R	R	R	R
Oyster	R	NR	X	R	R	R	R	NR	NR	R	NR
Pewter	R	NR	X	R	R	R	R	R	NR	R	NR
<b>MDF</b>											
Caramel	X	R	X	R	X	X	X	R	R	X	R
Chai	R	NR	X	R	R	R	R	R	NR	R	NR
Coffee	R	R	R	R	R	R	R	R	R	R	R
Oyster	R	NR	X	R	R	R	R	NR	NR	R	NR
Pewter	R	NR	X	R	R	R	R	R	NR	R	NR

\*Brush glazes on Cherry are only available when ordered with antiquing option.

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Offering and Availability

Truetones							
	Ashen	Cocoa	Desert Sand	English Toffee	Seaside	Shale	Sienna
<b>Cherry</b>							
No Glaze	R	R	R	R	R	R	R
Brown	R	R	R	R	R	R	R
Caramel	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R
Oyster	R	R	R	R	R	R	R
Sable	R	R	R	R	R	R	R
<b>Maple, Hard</b>							
No Glaze	R	R	R	R	R	R	R
Brown	R	R	R	R	R	R	R
Caramel	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R
Oyster	R	R	R	R	R	R	R
Sable	R	R	R	R	R	R	R
<b>Oak, White</b>							
No Glaze	R	R	R	R	R	R	R
Brown	R	R	R	R	R	R	R
Caramel	R	R	R	R	R	R	R
Onyx	R	R	R	R	R	R	R
Oyster	R	R	R	R	R	R	R
Sable	R	R	R	R	R	R	R
<b>Walnut</b>							
No Glaze	R	R	R	X	R	R	X
Brown	R	R	R	X	R	R	X
Caramel	R	R	R	X	R	R	X
Onyx	R	R	R	X	R	R	X
Oyster	R	R	R	X	R	R	X
Sable	R	R	R	X	R	R	X

Pinstripe Glazes – Truetones							
	Ashen	Cocoa	Desert Sand	English Toffee	Seaside	Shale	Sienna
<b>Cherry</b>							
Brown	R	R	R	R	R	R	R
Caramel	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R
Sable	R	R	R	R	R	R	R
<b>Maple, Hard</b>							
Brown	R	R	R	R	R	R	R
Caramel	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R
Sable	R	R	R	R	R	R	R
<b>Oak, White</b>							
Brown	R	R	R	R	R	R	R
Caramel	R	R	R	R	R	R	R
Pewter	R	R	R	R	R	R	R
Sable	R	R	R	R	R	R	R
<b>Walnut</b>							
Brown	R	R	R	X	R	R	X
Caramel	R	R	R	X	R	R	X
Pewter	R	R	R	X	R	R	X
Sable	R	R	R	X	R	R	X

\* See page 8.15 for key to Offering and Availability Chart.

## Offering and Availability

Wiping Stains									
	Alpine	Autumn	Bordeaux	Chestnut	Colonial	Cordovan	Dark Roast	Driftwood	Espresso
<b>Alder</b>									
No Glaze	R	R	NR	R	R	R	R	R	NR
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable & Onyx	X	NR	NR	R	R	R	R	R	NR
White	R	R	X	X	X	X	X	R	X
<b>Birch, Red/Birch, White</b>									
No Glaze	R	R	R	R	R	R	R	R	R
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	NR	R	X	R	R	R	R	R	X
Sable & Onyx	X	NR	R	R	R	R	R	R	R
White	R	R	X	X	X	X	X	R	X
<b>Cherry</b>									
No Glaze	X	R	R	R	R	R	R	R	R
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable & Onyx	X	R	R	R	R	R	R	R	R
White	X	NR	X	X	X	X	X	R	X
<b>Hickory</b>									
No Glaze	R	R	R	R	R	R	R	R	R
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	NR	R	X	R	R	R	R	R	X
Sable & Onyx	X	R	R	R	R	R	R	R	R
White	NR	R	X	X	X	X	X	R	X
<b>Mahogany</b>									
No Glaze	X	R	R	R	R	R	R	R	R
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	NR	X	NR	NR	NR	NR	R	X
Sable & Onyx	X	R	R	R	R	R	R	R	R
White	X	NR	X	X	X	X	X	R	X
<b>Maple, Hard/Bamboo</b>									
No Glaze	R	R	NR	NR	NR	NR	NR	R	NR
Brown	X	R	X	NR	NR	NR	NR	R	X
Caramel	X	R	X	NR	NR	NR	NR	R	X
Pewter	NR	R	X	NR	NR	NR	NR	R	X
Sable & Onyx	X	NR	NR	NR	NR	NR	NR	R	NR
White	R	R	X	X	X	X	X	R	X
<b>Maple, Soft</b>									
No Glaze	R	R	NR	NR	NR	NR	NR	R	NR
Brown	X	R	X	NR	NR	NR	NR	R	X
Caramel	X	R	X	NR	NR	NR	NR	R	X
Pewter	X	R	X	NR	NR	NR	NR	R	X
Sable & Onyx	X	NR	NR	NR	NR	NR	NR	R	NR
White	R	R	X	X	X	X	X	R	X
<b>Oak, Red/Oak, White (includes quarter sawn)</b>									
No Glaze	R	R	R	R	R	R	R	R	R
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	NR	R	X	R	R	R	R	R	X
Sable & Onyx	X	R	R	R	R	R	R	R	R
White	R	R	X	X	X	X	X	R	X
<b>Pine</b>									
No Glaze	NR	R	NR	R	R	R	R	R	NR
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable & Onyx	X	R	NR	R	R	R	R	R	NR
White	NR	R	X	X	X	X	X	R	X
<b>Walnut</b>									
No Glaze	X	R	R	R	R	R	R	R	R
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable & Onyx	X	R	R	R	R	R	R	R	R
White	X	NR	X	X	X	X	X	R	X

\* See page 8.15 for key to Offering and Availability Chart.

## Offering and Availability

<b>Wiping Stains</b>										
	Ginger	Harvest Gold	Honey	Natural	Nickel	Nitefall	Nutmeg	Portabella	Saddle	Washington Cherry
<b>Alder</b>										
No Glaze	R	R	R	R	R	NR	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	X	R	X	NR	R	R	R
Sable & Onyx	NR	R	R	R	R	NR	X	R	R	R
White	R	NR	X	R	R	X	R	R	X	X
<b>Birch, Red/Birch, White</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	NR	R	X	NR	R	R	R
Sable & Onyx	NR	R	R	X	R	R	X	R	R	R
White	R	NR	X	R	R	X	R	R	X	X
<b>Cherry</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	R	R	X	NR	R	R	R
Sable & Onyx	R	R	R	R	R	R	X	R	R	R
White	NR	NR	X	NR	R	X	X	R	X	X
<b>Hickory</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	R	R	X	NR	R	R	R
Sable & Onyx	R	R	R	X	R	R	X	R	R	R
White	R	R	X	R	R	X	R	R	X	X
<b>Mahogany</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	NR	R	R	R	R	X	R	R	R	R
Pewter	NR	NR	NR	NR	R	X	NR	NR	NR	NR
Sable & Onyx	NR	NR	R	X	R	R	X	R	R	R
White	NR	NR	X	NR	R	X	NR	R	X	X
<b>Maple, Hard/Bamboo</b>										
No Glaze	R	R	NR	R	R	NR	R	NR	NR	NR
Brown	R	R	NR	R	R	X	R	NR	NR	NR
Caramel	R	R	NR	R	R	X	R	NR	NR	NR
Pewter	R	R	NR	R	R	X	NR	NR	NR	NR
Sable & Onyx	R	R	NR	X	R	NR	X	NR	NR	NR
White	R	R	X	R	R	X	R	R	X	X
<b>Maple, Soft</b>										
No Glaze	R	R	NR	R	R	NR	R	NR	NR	NR
Brown	R	R	NR	R	R	X	R	NR	NR	NR
Caramel	R	R	NR	R	R	X	R	NR	NR	NR
Pewter	R	R	NR	R	R	X	NR	NR	NR	NR
Sable & Onyx	R	R	NR	X	R	NR	X	NR	NR	NR
White	R	R	X	R	R	X	R	R	X	X
<b>Oak, Red/Oak, White (includes quarter sawn)</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	NR	R	X	NR	R	R	R
Sable & Onyx	R	R	R	R	R	R	X	R	R	R
White	R	R	X	R	R	X	R	R	X	X
<b>Pine</b>										
No Glaze	R	R	R	R	R	NR	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	X	R	X	NR	R	R	R
Sable & Onyx	R	X	R	X	R	NR	X	R	R	R
White	R	R	X	NR	R	X	R	R	X	X
<b>Walnut</b>										
No Glaze	R	R	R	R	R	R	R	R	R	R
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	NR	R	X	NR	R	R	R
Sable & Onyx	R	R	R	R	R	R	X	R	R	R
White	NR	X	X	NR	R	X	X	R	X	X

\* See page 8.15 for key to Offering and Availability Chart.



## Offering and Availability

Pinstripe Glazes – Wiping Stains									
	Alpine	Autumn	Bordeaux	Chestnut	Colonial	Cordovan	Dark Roast	Driftwood	Espresso
<b>Alder</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable	X	NR	NR	R	R	R	R	R	NR
<b>Birch, Red/Birch, White</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	NR	R	X	R	R	R	R	R	X
Sable	X	NR	R	R	R	R	R	R	R
<b>Cherry</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable	X	R	R	R	R	R	R	R	R
<b>Hickory</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	NR	R	X	R	R	R	R	R	X
Sable	X	R	R	R	R	R	R	R	R
<b>Mahogany</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	NR	X	NR	NR	NR	NR	R	X
Sable	X	R	R	R	R	R	R	R	R
<b>Maple, Hard/Bamboo</b>									
Brown	X	R	X	NR	NR	NR	NR	R	X
Caramel	X	R	X	NR	NR	NR	NR	R	X
Pewter	NR	R	X	NR	NR	NR	NR	R	X
Sable	X	NR	NR	NR	NR	NR	NR	R	NR
<b>Maple, Soft</b>									
Brown	X	R	X	NR	NR	NR	NR	R	X
Caramel	X	R	X	NR	NR	NR	NR	R	X
Pewter	X	R	X	NR	NR	NR	NR	R	X
Sable	X	NR	NR	NR	NR	NR	NR	R	NR
<b>Oak, Red/Oak, White (includes quarter sawn)</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	NR	R	X	R	R	R	R	R	X
Sable	X	R	R	R	R	R	R	R	R
<b>Pine</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable	X	R	NR	R	R	R	R	R	NR
<b>Walnut</b>									
Brown	X	R	X	R	R	R	R	R	X
Caramel	X	R	X	R	R	R	R	R	X
Pewter	X	R	X	R	R	R	R	R	X
Sable	X	R	R	R	R	R	R	R	R

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Offering and Availability

Pinstripe Glazes – Wiping Stains										
	Ginger	Harvest Gold	Honey	Natural	Nickel	Nitefall	Nutmeg	Portabella	Saddle	Washington Cherry
<b>Alder</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	X	R	X	NR	R	R	R
Sable	NR	R	R	R	R	NR	X	R	R	R
<b>Birch, Red/Birch, White</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	NR	R	X	NR	R	R	R
Sable	NR	R	R	X	R	R	X	R	R	R
<b>Cherry</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	R	R	X	NR	R	R	R
Sable	R	R	R	R	R	R	X	R	R	R
<b>Hickory</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	R	R	X	NR	R	R	R
Sable	R	R	R	X	R	R	X	R	R	R
<b>Mahogany</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	NR	R	R	R	R	X	R	R	R	R
Pewter	NR	NR	NR	NR	R	X	NR	NR	NR	NR
Sable	NR	NR	R	X	R	R	X	R	R	R
<b>Maple, Hard/Bamboo</b>										
Brown	R	R	NR	R	R	X	R	NR	NR	NR
Caramel	R	R	NR	R	R	X	R	NR	NR	NR
Pewter	R	R	NR	R	R	X	NR	NR	NR	NR
Sable	R	R	NR	X	R	NR	X	NR	NR	NR
<b>Maple, Soft</b>										
Brown	R	R	NR	R	R	X	R	NR	NR	NR
Caramel	R	R	NR	R	R	X	R	NR	NR	NR
Pewter	R	R	NR	R	R	X	NR	NR	NR	NR
Sable	R	R	NR	X	R	NR	X	NR	NR	NR
<b>Oak, Red/Oak, White (includes quarter sawn)</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	NR	R	X	NR	R	R	R
Sable	R	R	R	X	R	R	X	R	R	R
<b>Pine</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	X	R	X	NR	R	R	R
Sable	R	X	R	X	R	NR	X	R	R	R
<b>Walnut</b>										
Brown	R	R	R	R	R	X	R	R	R	R
Caramel	R	R	R	R	R	X	R	R	R	R
Pewter	R	R	R	NR	R	X	NR	R	R	R
Sable	R	R	R	R	R	R	X	R	R	R

**R** = Recommended: These finish combinations refer only to the consistency of the finish application and not the aesthetic beauty of the combination.

**NR** = Not Recommended: These finish combinations are problematic and do not meet Conestoga's standards for color consistency. They also highlight various other characteristics such as machine marks and open end grain that will not be considered defective. NR combinations will receive a 20% upcharge to the Design Charge compensating for additional labor required for difficult combinations. Even if a sample door is purchased, we cannot guarantee that the next order will be an exact match to the sample door. Conestoga will not guarantee color consistency on NR combinations.

**X** = Not Available: Such combinations present application challenges which result in finish appearances Conestoga cannot consistently reproduce, and are not available.

## Finish Sample Kits

Alder	Cherry	Hickory/Walnut	Maple, Hard	Oak
Stain/Glaze	Stain/Glaze	Stain/Glaze	Stain/Glaze	Stain/Glaze
Autumn Autumn/Brown Bordeaux Chestnut Colonial Colonial/Sable Cordovan Dark Roast Driftwood Espresso Harvest Gold Honey Honey/Sable Natural Natural/Brown Nickel Nickel/White Nitefall Nutmeg Portabella Saddle Saddle/Sable Washington Cherry Washington Cherry/Sable	Autumn Bordeaux Bordeaux/Sable Chestnut Chestnut/Sable Colonial Colonial/Sable Cordovan Cordovan/Sable Dark Roast Driftwood Cordovan/Sable Honey Honey/Sable Natural Natural/Brown Nitefall Nutmeg Portabella Saddle Saddle/Sable Washington Cherry Washington Cherry/Sable	<b>Hickory</b> Autumn Colonial Colonial/Sable Dark Roast Driftwood Driftwood/Sable Ginger Honey/Sable Natural Natural/Brown Nitefall Saddle/Caramel <b>Walnut</b> Autumn/Sable Chestnut Chestnut/Sable Colonial Colonial/Sable Dark Roast Driftwood Espresso Natural Natural/Sable Nickel Nitefall Saddle	Autumn/Brown Bordeaux Bordeaux/Sable Chestnut Colonial Cordovan Dark Roast Dark Roast/Sable Driftwood Driftwood/Onyx Espresso Espresso/Sable Ginger Harvest Gold Honey Honey/Sable Natural Natural/Brown Nickel Nickel/Pewter Nickel/White Nitefall Nutmeg Nutmeg/Brown Portabella Portabella/White Saddle Saddle/Brown Saddle/Onyx Washington Cherry	<b>Oak, Red</b> Autumn Chestnut Chestnut/Onyx Dark Roast Espresso Harvest Gold Honey Honey/Sable Natural Natural/Caramel Nutmeg Portabella/Brown Saddle <b>Oak, White</b> Alpine/White Autumn Colonial Colonial/Onyx Driftwood Driftwood/Sable Espresso Harvest Gold Natural Natural/White Nickel Nitefall
Colourtones		Truetones	Heirloom/Unitone/Brushed Glaze	
Colourtone/Glaze		Stain/Glaze	Stain/Glaze	
Cherry		Cherry	Heirloom on Cherry	
Crystal White-Antiqued Ebony-Antiqued		Ashen/Sable Cocoa Desert Sand Seaside Shale/Sable	Arctic White/Onyx Cadet Grey/Coffee Chesapeake/Coffee Crystal White/Coffee Ebony/Cordovan Hearthstone Grey/Coffee Heron/Onyx Metropolitan Grey/Coffee	
Maple, Hard		Maple, Hard	Heirloom on Paint Grade Hard Maple	
Antique White Arctic White Arctic White/Onyx Pinstriping Cadet Grey Cadet Grey/Onyx Pinstriping Canyon Chesapeake Chesapeake/Caramel Chesapeake/Coffee Crystal White Crystal White/Chai Crystal White/Coffee Crystal White/Pewter Designer White Frosty White Frosty White/Chai Frosty White/Coffee Frosty White/Oyster Hearthstone Grey Hearthstone Grey/Coffee Heron Heron/Coffee Marina Marina/Pewter Metropolitan Grey Metropolitan Grey/Coffee Regent Blue		Ashen Ashen/Brown Cocoa/Sable Desert Sand English Toffee Seaside Shale Shale/Onyx Shale/Oyster Shale/Sable Sienna	Crystal White/Coffee Marina/Pewter	
		Oak, White	Unitone on Red Oak	
		Ashen Ashen/Brown Ashen/Onyx Cocoa Desert Sand/Onyx Shale	Canyon/Coffee	
		Walnut	Brushed Glaze on Paint Grade Hard Maple	
		Ashen Seaside Shale	Chesapeake/Caramel Crystal White/Chai Crystal White/Coffee Crystal White/Pewter Designer White/Pewter Frosty White/Oyster Hearthstone Grey/Coffee	

## Finish Sample Kits (continued)

**Specifications:** Swatch size: 4-1/4" x 6-1/8".  
Swatch has G-084 groove on face – except for finishes with Chai and Oyster glazes.  
Heirloom chips are 3/4" thick profiled swatches. Each swatch is individually labeled.

Kits are packed in a labeled file box, reducing the need to remove individual swatches for identification; this limits the exposure to light that accelerates color change.

### Larger Swatch Size

Individual Recommended and Not Recommended finishes are available on 6-1/8" x 14" chips.

## Sample ID Label

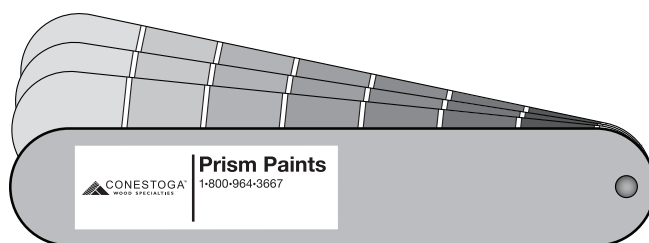


- The Sample ID Label Option identifies specific attributes of door and drawer front samples. Labels are tack-free and easy to remove. It is intended to be replaced with your company's customized label.
- Available on doors and drawer fronts only; this option is not available on aluminum frame doors, specialty or accessory products.

- ID labels are available on unfinished and finished doors and drawer fronts.
- Sample ID labels will include Conestoga nomenclature only, customization is not available.
- Each label includes: Conestoga design name, specie/grade, framing bead, raise, edge profile, selected options, finishing information and package date.
- All finished doors or drawer fronts will receive a second disclaimer label along with an ID label.

## Prism Paint Fan Deck

- Over 1,500 colors are showcased in this comprehensive fan deck.
- Divided into five sections: Colors, Neutrals, Whites & Pastel, Timeless and Historic.
- All paints are interior grade only, including the Historic Exterior section.
- Each paint color is classified as either a Pastel or Deeptone. This determines the material cost category when finishing is requested, or loose paints are selected.
- Refer to the Conestoga website, [www.conestogawood.com](http://www.conestogawood.com) for a complete listing of paint colors and price categories.
- Prism Paints are available with Caramel, Chai, Coffee, Oyster and Pewter glaze options.
- Order Prism Paint fan decks using part #2602036A.
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## DuraGuard System Overview

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DuraGuard is a complete finishing material program designed to make it easy to match Conestoga's prefinished products, in which all the base stains, Colourtones, paints, glazes, primers, sealers and topcoats work together to create a lasting finish on our customer's components.

- DuraGuard provides finishing materials, step by step instructions, access to our in-house finishing professionals and support products such as touch up kits.

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### DuraGuard System Features

- Access to all of Conestoga's topcoats, sealers, stains, paints, primers, glazes and other raw materials.
- Step-by-step instructions mailed with every shipment of finishing material detailing how to mix raw materials, sand the wood, apply the finish and spray the topcoat.
- 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.

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### DuraGuard System Disclaimers

- Conestoga's finishes are industrial in nature, unlike finishes purchased at a retail store. Although they are of higher quality than most finishes, Conestoga's coatings are also more combustible, more volatile and require a greater level of expertise to apply.
- Due to the complexities involved with any finishing process, Conestoga will not be liable for any damages or injuries resulting from the use of this product, even if every precaution is taken by the customer. Conestoga's liability is limited to the original purchase price of the finishing material.
- In order to best match any DuraGuard finish color, it is important to follow the processes outlined in our instruction documents. These instructions are found in this section of the manual. If the proper steps are not followed, the finished product may not match the finished doors that were purchased from Conestoga. However, please bear in mind that following these procedures will not always guarantee an exact match.
- Due to the many variables involved in any finishing process, Conestoga assumes no responsibility if products finished by the customer using the DuraGuard System do not produce an exact match to prefinished products purchased from Conestoga.
- The DuraGuard Finishing System is scientifically designed so that each of the materials, from base coat to topcoat, work with one another, thereby providing a beautiful protective finish for our customer's products. Finishing products not sold by Conestoga may react unfavorably to the DuraGuard finishing materials causing poor topcoat adhesion, discoloration or other problems.

## DuraGuard Finishing Instructions

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### All Wiping Stains (except Bordeaux, Dark Roast, Espresso, Nickel and Nitefall)

- Use this process to match all Conestoga wiping stains except Bordeaux, Dark Roast, Espresso Nickel and Nitefall stains.
- White wood sand with an oscillating palm sander using 180 grit sandpaper.
- Apply wiping stain over wood. Wipe all surfaces clean with lint-free rag.
- Allow wiping stain to dry for a minimum of 1 hour.
- Spray sealer to approximately 4 wet mil thickness.
- When the sealer is completely dry, sand sealer with fine grit (220-280) sandpaper using an oscillating palm sander on all flat surfaces. Hand sand all profiles with 220 grit sandpaper.
- Spray on topcoat to approximately 4 wet mil thickness.
- Allow topcoat to dry for a minimum of 4 hours before handling.

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### Bordeaux, Dark Roast, Espresso, Nickel and Nitefall Finishing Process

- Use this process to match Conestoga's Bordeaux, Dark Roast, Espresso, Nickel and Nitefall stains.
- White wood sand with an oscillating palm sander using 180 grit sandpaper.
- Moisten wood surface by lightly misting with water. Do not over saturate. Allow wood to completely dry for 30 to 60 minutes depending on relative humidity. This will open the grain allowing penetration of stain.
- Apply wiping stain over wood. Wipe all surfaces clean with a lint-free rag.
- Allow wiping stain to dry for a minimum of 1 hour.
- Spray sealer to approximately 4 wet mil thickness.
- When sealer is completely dry, sand sealer with fine grit (220-280) sandpaper using an oscillating palm sander on all flat surfaces. Hand sand all profiles with 220 grit sandpaper.
- Spray on topcoat to approximately 4 wet mil thickness.
- Allow topcoat to dry for a minimum of 4 hours before handling.

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### Hand Wiped Glaze Over Wiping Stains

- Use this process to apply hand wiped glazes over all Conestoga wiping stains.
- White wood sand with an oscillating palm sander using 180 grit sandpaper.
- Apply wiping stain over wood per DuraGuard finishing instructions. Wipe all surfaces clean with lint-free rag.
- Allow wiping stain to dry for a minimum of 1 hour.
- Spray sealer to approximately 4 wet mil thickness.
- When sealer is completely dry, hand sand all surfaces using 320 grit sandpaper. Make sure to sand in same direction as the wood grain.
- Apply the glaze to the entire surface and wipe the excess glaze off with a lint-free rag, leaving the desired amount of glaze in profiled areas. When matching existing products, make sure the same amount of glaze is left on the surface of the product being glazed as is on the product to be matched. Allow glaze to dry for 1 hour.
- Spray on topcoat to approximately 4 wet mil thickness.
- Allow topcoat to dry for a minimum of 4 hours before handling.

## DuraGuard Finishing Instructions (continued)

### Mixing Topcoats and Sealers

Follow this process when using DuraGuard topcoats and sealers to match products finished by Conestoga.

- Always use a lined can or plastic container when adding catalyst. Do not catalyze in an unlined metal can.
- Slowly pour the pre-measured container of catalyst into the gallon container of sealer or topcoat. Thoroughly agitate topcoat material, making sure there is no residue on the bottom of the can. Agitation must be continuous. **Do not over catalyze!**
- Once the catalyst has been added, the chemical interaction of the mixture results in a 24 hour “pot life”. After this 24 hour time frame, the mixture begins to cure rendering it unusable.
- Catalyst ratios are listed below.
- We strongly recommend against attempting to extend the pot life of sealer or topcoat by adding virgin material, as it will disrupt the catalyst ratio.
- Spray topcoat to a thickness of 4 wet mils.

Topcoat/Sealer	Amount of Catalyst
<b>Conversion Varnish Products</b>	
Sealer	4.0 ounces of catalyst V66V21 per gallon
15° (low sheen) topcoat	4.0 ounces of catalyst V66V21 per gallon
40° (medium sheen) topcoat	4.0 ounces of catalyst V66V21 per gallon

### Topcoat Application Guidelines

- All standard hand wiped and Truetone stains default to 40° topcoat; 15° topcoat available upon request.
- All standard hand wiped and Truetone stains with glazes default to 15° topcoat; 40° topcoat available upon request.
- All weathered grain products finished with wiping stains, wiping stains with glazes, Colourtones and Colourtones with glazes default to 5° topcoat; 15° topcoat available upon request. 40° topcoat not available with weathered grain products.
- Antiquing, distressing and wear sanding options selected with wiping stains and wiping stains with glazes default to 15° topcoat; 40° topcoat is available upon request.
- Antiquing, distressing and wear sanding options and Heirloom treatment added to Colourtone, Colourtone with glaze, Prism Paint or Prism Paint with glaze default to 15° topcoat. 40° topcoat not available with any of these finish and option combinations.

## DuraGuard Finishing Instructions (continued)

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### Truetones - Low Complexity

Use this process to match Conestoga's Low Complexity Truetone finishes.

- White wood sand with an oscillating palm sander using 180 grit sandpaper.
- Using spray equipment apply Truetone stain material over wood with even wet coats until the desired color is achieved. **(Diaphragm pump and HVLP gun recommended for spray application).**
- Allow stain to dry for a minimum of 30 minutes.
- Spray sealer to approximately 4 wet mil thickness.
- When the sealer is completely dry, sand sealer with fine grit (220-280) sandpaper using an oscillating palm sander on all flat surfaces. Hand sand all profiles with 220 grit sandpaper.
- Spray on topcoat to approximately 4 wet mil thickness.
- Allow topcoat to dry for a minimum of 4 hours before handling.

### Truetones - High Complexity

Use this process to match Conestoga's High Complexity Truetone finishes.

- White wood sand with an oscillating palm sander using 180 grit paper.
- Apply the Truetone wiping stain as the base color over wood. Wipe all surfaces clean with a lint-free rag.
- Allow the Truetone wiping stain to dry for a minimum of 1 hour.
- Using spray equipment apply the matching Truetone spray stain material over the pre-stained wood with multiple light passes until uniform coverage is achieved. It may take as many as 4 to 6 light passes spraying in opposite directions to get uniform coverage on the board surface. DO NOT apply heavy wet coats as this may cause modeling and blotchiness in the spray stain. **(Diaphragm pump and HVLP gun recommended for spray application).**
- Allow the spray stain to dry for a minimum of 30 minutes.
- Spray sealer to approximately 4 wet mil thickness.
- When the sealer is completely dry, sand sealer with fine grit (220-280) sandpaper using an oscillating palm sander on all flat surfaces. Hand sand all profiles with 220 grit paper.
- Spray topcoat to approximately 4 wet mil thickness.
- Allow topcoat to dry for a minimum of 4 hours before handling.

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### Hand Wiped Glaze Over Truetones

Use this process to apply hand wiped glaze over all Conestoga Truetones.

- Follow application instructions for desired Truetone finish.
- Allow Truetone to dry for a minimum of 30 minutes.
- Spray sealer to approximately 4 wet mil thickness.
- When sealer is completely dry, hand sand all surfaces using 320 grit sandpaper. Make sure to sand in same direction as the wood grain.
- Apply the hand wiped glaze to the entire surface and wipe the excess glaze off with a lint-free rag, leaving the desired amount of glaze in profiled areas. When matching existing products, make sure the same amount of glaze is left on the surface of the product being glazed as is on the product to be matched.
- Allow glaze to dry for a minimum of 1 hour.
- Spray on topcoat to approximately 4 wet mil thickness.
- Allow topcoat to dry for a minimum of 4 hours before handling.



## **DuraGuard Finishing Instructions (continued)**

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### **Colourtones and Prism Paints**

Colourtones/Prism Paints are two-part, acid catalyzed, opaque basecoats, high in solids and match 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 non-glazed 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 prefinished 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)

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### 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 antiqued sample door finished by Conestoga.

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### Primers (Standard Primer Process)

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.

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### Heirloom Treatment

Conestoga's Heirloom treatment duplicates the look of time worn cabinetry. In order to successfully perform the Heirloom treatment process you will need to have an Heirloom treatment 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 treatment 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 treatment appearance.

## DuraGuard Finishing Instructions (continued)

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### Distressing

- Study the distressing marks on your Heirloom treatment door sample that was finished by Conestoga. You will need to duplicate these marks on your cabinetry. Conestoga uses various metal objects to create the indentations. Frequently refer to your sample door finished by Conestoga to ensure a uniform amount of distressing.
- Metal items may be laid on the surface you are distressing and tapped lightly with a hammer to create these impressions. You may want to create your own tools by embedding these items into a wooden rolling pin or a wooden mallet. The rolling pin can then be rolled across the surface or the surface may be tapped with the mallet, creating the desired impressions.
- Split joints are replicated by cutting along the joint with a retractable razor knife. Simulated worm holes are created by randomly striking the piece with the point of an awl.
- Rasp marks are created on exterior edges by placing a wood rasp on the edge of the product at an angle, pressing it against the wood and using a filing type of motion.

### Spraying Colourtones and Prism Paints for Heirloom Treatment

- Thoroughly agitate Colourtone/Prism Paint material, add catalyst while material is under agitation in a lined metal can or plastic container. Add 4 ounces of catalyst V66V21 per gallon of Heirloom Colourtone/Prism Paint materials. Pot life after catalyzation is 24 hours. Keep material under constant agitation.
- Spray Colourtone/Prism Paint to a thickness of 4 wet mils.
- Allow finish material to dry for a minimum of 2 hours before sanding.

### Antiquing

- 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. Follow the rounded areas that have been previously created by the wear sanding process, sanding through both coats of finish to expose the raw wood. 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.

### Glaze over Heirloom Treatment Colourtones and Heirloom Treatment Prism Paints

- Apply the glaze to all surfaces after the Colourtone/Prism Paint material is fully dry and the antiquing process is complete. 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 prefinished 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 Heirloom Treatment Colourtones and Heirloom Treatment 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.

## DuraGuard Finishing Instructions (continued)

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### Unitone Treatment

Conestoga's Unitone treatment duplicates the look of time worn cabinetry. In order to successfully perform the Unitone treatment process you will need to have an Unitone treatment 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 or Prism Paints for Unitone Treatment

- Thoroughly agitate paint material, add catalyst while material is under agitation in a lined metal can or plastic container. Add 4 ounces of catalyst V66V21 to all paint materials. Pot life after catalyzation is 24 hours. Keep material under constant agitation.
- Spray Colourtone/Prism Paint 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 paint material to thoroughly dry, the entire piece must be lightly sanded with an oscillating palm sander using 280 grit sandpaper.

#### Glaze over Unitone Treatment

- Apply the glaze to all surfaces after the Colourtone/Prism Paint 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 prefinished 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 Treatment Colourtones and Unitone Treatment 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 Unitone Colourtone/Prism Paint..
- Allow topcoat to dry for a minimum of 4 hours before handling.

## DuraGuard Finishing Instructions (continued)

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### Brushed Glaze Effect

- The look of brushed on glazes is created by using scratch sanding techniques on the second coat of Colourtone/Prism Paint material, then hand wiping the glazing material over the sanded base color. You will need sanding sponges to duplicate the technique used on your purchased prefinished parts. Conestoga offers these sanding sponges, part #2600622, through our DuraGuard Program. For pricing, refer to the DuraGuard Packaged Finishing Pricing Chart found earlier in this section.

### 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 in a lined metal can or plastic container. Add 4 ounces of catalyst V66V21 per 1 gallon of Colourtone/Prism Paint material. Pot life after catalyzation is 24 hours. Keep material under agitation.
- Spray Colourtone/Prism Paint to a thickness of 4 wet mils.
- Allow first coat of Colourtone/Prism Paint material to dry for a minimum of 2 hours.
- Sealer 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 performing the sanding scratch technique.

### Creating Brush Stroke Effect

- Holding the 80 grit sanding sponge firmly, apply moderate pressure, sanding in straight lines with the direction of the wood grain. Always use a continuous stroke from one end of the piece to the other with the grain direction, making two passes with the sanding sponge over all surfaces to achieve the proper amount of scratching.
- Take care to minimize the overlap at joints or anywhere that the horizontal and vertical scratches intersect. While some overlapping will occur at most joints and panel raise corners, steps should be taken to limit overlapping. Any overlapping will result in the presence of both horizontal and vertical scratches on the same surface area.
- After sanding step is complete, apply the hand wiped glaze material using a circular motion to ensure that the glaze fills the sanding scratches. Remove excess glaze, wiping in the same direction as sanding scratches. To touch up or highlight areas where the scratches are not prominent, simply repeat the sanding process, re-apply glaze and wipe off excess.
- Allow glaze to dry for 1 hour.
- Spray 4 wet mils of topcoat over Brushed Glaze Effect Colourtone/Prism Paint.
- Allow topcoat to dry for a minimum of 4 hours before handling.

## DuraGuard Finishing Instructions (continued)

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### Pinstripe Glaze Process over Colourtones and Prism Paints

After applying your desired Colourtone or Prism Paint follow this process to apply Pinstripe glaze.

- Select your desired glaze color (Caramel, Coffee, Pewter or Onyx).
- Using a finely trimmed 1" paint brush or a fine artist brush apply glaze lines to the deep profiled areas of your doors and drawer fronts.
- Only apply the lines to the profiled areas on the face and edges of the components. Do not apply glaze to any other surface areas.
- It is not necessary to apply any glaze to sheet stock, refacing stock, cabinet parts or any other products that do not have a deep profile for glaze to hang.
- Should any glaze accidentally get applied to non-glazed areas, use mineral spirits to remove excess glaze and clean areas around the Pinstripe lines where glaze may have smeared or smudged.
- Allow glaze to dry for a minimum of 1 hour.
- All Pinstripe glazes on Colourtones or Prism Paints require a coat of DuraGuard 15° sheen conversion varnish topcoat applied to a thickness of 4 wet mils within 24 hours.
- Allow topcoat to dry a minimum of 4 hours before handling.

### Pinstripe Glaze Process over Wiping Stains and Truetones

After applying your desired Wiping Stain or Truetone follow this process to apply Pinstripe glaze.

- Spray sealer to approximately 4 wet mil thickness.
- When sealer is completely dry, hand sand all surfaces using 320 grit sandpaper. Make sure to sand in same direction as wood grain.
- Select your desired glaze color (Brown, Caramel, Pewter or Sable).
- Using a finely trimmed 1" paint brush or a fine artist brush apply glaze lines to the deep profiled areas of your doors and drawer fronts.
- Only apply the lines to the profiled areas on the face and edges of the components. Do not apply glaze to any other surface areas.
- It is not necessary to apply any glaze to sheet stock, refacing stock, cabinet parts or any other products that do not have a deep profile for glaze to hang.
- Should any glaze accidentally get applied to non-glazed areas, use mineral spirits to remove excess glaze and clean areas around the Pinstripe lines where glaze may have smeared or smudged.
- Allow the glaze to dry for a minimum of 1 hour.
- All Pinstripe glazes on Wiping Stains or Truetones require a coat of DuraGuard 15° sheen conversion varnish topcoat applied to a thickness of 4 wet mils within 24 hours.
- Allow topcoat to dry a minimum of 4 hours before handling.

## DuraGuard Finishing Instructions (continued)

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### Legal Disclaimers

- DuraGuard finishes are industrial in nature, unlike finishes purchased at a retail store. Although DuraGuard offers a higher quality finish than most finishes, it also is more combustible, more volatile and requires a higher level of expertise to apply. Due to the complexities involved with any finishing process, Conestoga will not be liable for any damages or injury resulting from the use of this product, even when the customer has taken precautions. Conestoga's liability is limited to the original purchase price of the finishing material.
- In order to best match any DuraGuard finish color, it is important to follow the preparation and application processes outlined on the previous pages. If these steps are not followed, your finished product may not match the products purchased from Conestoga. However, please bear in mind that following these procedures will not always guarantee an exact match. Due to the many variables involved in any finishing process, Conestoga assumes no responsibility if products that are finished by the customer using the DuraGuard System are not an exact match to the finished products sold by Conestoga.

**Important Note: All drying times mentioned in this document are to be used as guidelines only. The actual drying time will vary according to the climate in which the finish is applied.**

- The DuraGuard finish system is scientifically designed so that each of the materials, from basecoat or stain, to topcoat, work with one another, thereby providing a beautiful protective finish for your wood products. Finish materials not sold by Conestoga may react unfavorably with DuraGuard finishing materials causing poor topcoat adhesion, discoloration or other problems.
- Color variation can occur on separately ordered jobs. Conestoga cannot guarantee color matches on material ordered at different times. Length of time between orders may also be a factor affecting color variation. Environmental factors where existing material is stored or installed may affect finished products to the degree of causing an appearance different to that of a newly finished product. To better ensure consistency of appearance, Conestoga recommends against placing partial orders.

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### Health and Safety Information

Refer to SDS for health and safety information. Log on to [www.conestogawood.com/sds](http://www.conestogawood.com/sds) for 24 hour access to SDS information.

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### Care and Cleaning of Fine Kitchen Cabinetry

- The DuraGuard topcoat offers the utmost protection for kitchen cabinet applications and provides superior chemical and common kitchen stain resistance while maintaining color and sheen.
- DuraGuard topcoats require minimal care and cleaning. We recommend periodic cleaning with a mild detergent and water solution to remove dirt, dust and grease that buildup with routine usage. Dampen a soft, non-abrasive cloth and wipe entire exterior surface of cabinetry and dry with a soft cloth. Never use a wet cloth that allows water to run down the cabinetry and always dry cabinetry immediately if water or other liquids are spilled onto the surface.
- Care should be taken not to use abrasive cleansers, ammonia or any other type of harsh chemical. These cleaning agents may cause discoloration, scratching, marring and dulling of the finish. We also discourage use of furniture polishes and waxes on finished cabinetry. Furniture polishes alter the original sheen level and may leave a film on the surface that attracts dust and dirt. These polishes may also cause an irregular or blotchy appearance because they are unable to stand up to many common kitchen stains.

## Customer Supplied Parts for Finishing

- Conestoga’s premium finishes are available on wood and MDF components not currently supplied by Conestoga through our Customer Supplied Products (CSP) program. While limited to products not currently available from Conestoga, the program is subject to size restrictions. Range hoods, assembled cabinetry and products supplied by direct competitors to Conestoga will be considered, but Conestoga reserves the right to refuse to finish any item.

Maximum Size Parameters (thickness x width x length)		
Mouldings	Plywood	Misc. Parts
2" x 12" x 144"	3/4" x 30" x 96"	15" x 36" x 96"

- Conestoga utilizes the standard finishing processes outlined in the Finishing Program Section to finish all customer supplied items. Parts submitted for finishing should be in finish ready condition and it is assumed that all parts will be in such condition that our standard finish processes and materials will produce the desired finished appearance.
- Additional charges will apply for those parts received that require additional labor such as puttying, sanding, and repair. Conestoga reserves the right to reject parts that are not in finish ready condition or that may contain materials that pose a contamination threat to our operation.
- For standard species, the CSP finish selection is limited to Recommended and Not Recommended offerings listed in the finishing Offering and Availability Chart.
- Stain and glaze finish topcoat glosses are 15° or 40° sheen. Opaque or opaque with glaze finishes are available with 15° sheen topcoat only.
- Parts having machining defects, material defects, or poor sanding will produce less desirable results than parts that have been properly prepared for finishing and will likely have a different finished appearance than accompanying items. Appearance variations of CSP products are not considered defective.
- It is likely that CSP exotic or non-domestic species will not match components manufactured and finished by Conestoga.
- It is assumed that parts shipped directly to Conestoga from vendors are the correct parts and will be processed as such. Conestoga will not be responsible for any shipping errors, delays or damages incurred on CSP parts.
- Customer is responsible for shipping these parts to Conestoga. Due to our truck routes and backhauls, customer supplied parts cannot be shipped to Conestoga on Conestoga trucks.
- All CSP shipped to Conestoga must include the appropriate sales order number provided by Conestoga.
- Standard finishing lead-times apply and will begin when part has been received, inspected and found to be in finish-ready condition and a customer approved quote is on file.
- CSP items cannot be expedited through the finishing process. Orders consisting of multiple parts or involving preparation labor may require additional lead-time.
- Contact Special Designs or your Sales Representative to properly complete the Request For Finish Quote Order Form found on the following page.