

CRAFTON COATINGS

By Bollen International, Inc.

TECHNICAL DATA – CRAFTON® AND CRAFTON PLUS®

PRODUCT DESCRIPTION:

Crafton and Crafton Plus share the same technical data. Whenever Crafton is mentioned, reference is made to both Crafton and Crafton Plus.

Crafton, a green, low V.O.C. product, is water based, multi-colored, odorless, and non-flammable emulsion paint suitable for spray application. Crafton is for **INTERIOR** use only.

U.S.A. DISTRIBUTORS ARE: BOLLEN INTERNATIONAL, INC.

9218 Viscount Row, Dallas, TX 75247; Tel: (214) 631-9300 Cust. Serv. (800) 248-4808, Fax: (214) 631-9302. Web site: www.craftoncoatings.com

V.O.C.:

The V.O.C. value of Crafton, being a water-based paint, is less than .27 lbs. /gallon or 32.9 grams per liter, excluding water. Crafton is EPA compliant in both USA & Europe. Crafton has minimal or no odor during application. No evacuation required.

APPEARANCE:

Crafton is a very subtle, multi-color paint with a soft fabric texture to the touch. Crafton Plus is a multicolor paint with a more defined multi-color range through heavier fleck accents.

Custom colors are available upon request. Our lab specializes in creating custom colors to compliment fabrics, carpets, and laminates.

APPLICATION:

For use on interior wall and ceiling surfaces.

SURFACE PREPARATION:

Practices and procedures normally followed in the painting profession should be adhered to with special reference to cleaning and preparing the substrate surfaces before applying the Crafton. New construction should have a level 5-wall finish when applying primer and Crafton coatings.

PRIMING AND PRIMERS:

Use a non-gloss, off white primer, to achieve maximum adhesion and 100% coverage

Metal surfaces: Use a universal flat metal primer.

Painted surfaces: Scarify and clean surface to facilitate adhesion.

Vinyl/sheetrock: Use a primer/sealer that has good bite and good adhesion.

Plaster: Must be sealed with alkyd (oil) based primer or PVA water based primer.

Wood surfaces: When there are knots, saps stains, or bleeding dyes, use a proper sealer such as “**Kilz**” or “**Zinsser**” before applying primer.

Cinder Block: Use cementitious block filler and then prime with flat latex water based primer.

Paper backed wallpaper: Remove.

Glass and glazed tile surfaces: Not recommended as a substrate surface.

DRYING TIME:**Crafton & Crafton Plus:**

Depending on air circulation, drying time will take approximately one to two hours and is fully cured in ten days to two weeks.

QUALITY AND PERFORMANCE ASSURANCE:

Always create a test area before starting the application of Crafton products, to assure that:

1. Under prevailing light conditions, color/texture of approved sample and color/texture of painted test areas are the same and have the approval of Architect/Specifier/Owner.
2. Spread rates are in accordance with paint & contractor's calculations.

APPLICATION AND EQUIPMENT:

❖DO NOT THIN CRAFTON OR CRAFTON PLUS

❖DO NOT USE A BRUSH OR AIRLESS SPRAY GUN

❖SPRAY ON: SEE ATTACHED SPRAY GUIDELINES

MIXING:

Mix by stirring or boxing. Do not use a mechanical (high-speed) agitator. Such agitation will destroy the encapsulated, individual multi-color pigments in the coating.

CLEAN UP AND MAINTENANCE:

Clean all lines, immediately after use, with water. If allowed to dry, use lacquer thinner to clean. Most marks and scuffs on Crafton are removable with a sponge or soft brush and mild solution of soap, Fantastic, or 409 all-purpose cleaner. Remove stains that are more difficult with a soft brush using denatured alcohol. Crafton must be fully cured before cleaning. Conduct scrub tests no sooner than ten days after the installation of the test area is completed.

STORAGE:

Prevent from freezing. Store in sealed containers at 50 – 100 degrees Fahrenheit. Under these conditions, your maintenance stock will have a shelf life of a minimum of two-years in unopened containers.

COVERAGE/PATTERN**Crafton & Crafton Plus:**

Spray on approx. 125 to 130 sq. ft. per gallon in two-passes, first horizontal, overlapping by 50%, then cross out vertical with a 4 or 5 inch overlap using an (6 to 8") inch fan pattern. This is a wet-on-wet application.

WARRANTY:

The data and recommendations above are offered in good faith and are based on information we believe to be reliable. However, because the conditions and methods of use of our products are beyond our control, Product is sold without warranty, either expressed or implied. Users of Crafton should conduct their own tests to determine the suitability of each product for their own purpose.

SPRAY APPLICATION GUIDE LINES

Spray on with an air atomizing spray gun:

The basic function of an air atomizing spray gun is to use compressed air to break up material into small droplets and give these droplets direction. A rule of thumb to follow when setting pressures is that with the air supply cut off, the paint will flow in a solid stream. This fluid stream should begin to bend down about 18" from the gun's nozzle. Anything in excess of 18" could mean too high a fluid velocity/pressure.



ATOMIZATION PRESSURE:

Apply adequate pressure to achieve desired spray pattern.

The following represents general guidelines for spray application and should be field tested

CONVENTIONAL SPRAY GUN:

Equal to Binks 2001, requires a #565 needle with a #66 fluid nozzle and a 66-SD external air cap, with air source capable of maintaining 7 to 13.5 CFM and 60 PSI at the gun with the trigger pulled, using 45 PSI for fluid and 60 PSI for air. Use a belt driven compressor with a minimum of 3½ horsepower.

2001 HVLP SPRAY GUN:

When using either the 2001 HVLP or the Mach-1 HVLP gun the a 93-P external air cap and a 97 fluid nozzle use air source capable of maintaining 9-22 CFM and 18-30 PSI at the gun with the trigger pulled, using 45 PSI for fluid and 60 PSI for air. Use a belt driven compressor with a of minimum 3½ horsepower. The needle for the 2001 HVLP is a 197-S and for the Mach-1 HVLP gun the needle is 54-3941.

Spray in a slow controlled motion, using an eight-inch fan pattern. Overlap 50% (every 4 or 5 inches). First spray horizontal then cross out vertical to achieve 100% coverage. When using a conventional gun, the distance from the wall should be approx. 12 to 16 inches. When using an HVLP gun the distance from the wall should be approx. 8 to 10 inches.

Information that is more detailed is available in Bink's Publication TD 10-1R-4 of Bink's Training Division.

Use an air and fluid hose with 3/8" inside diameter no longer than 50 ft.

BOLLEN INTERNATIONAL, INC.

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214-631-9300

Crafton Warranty

Bollen International, Inc. will warrant their Crafton products for a one (1) year period against fading, cracking and peeling.

This warranty applies only if the following procedures are adhered to.

Curing time for Crafton is 10 days to 2 weeks before cleaning any marks from the surface. Stains caused by betadine, ballpoint pen, grease, and rubber wheel marks can then be removed.

It is required to use a flat water-based primer. If a primer with a gloss is used, there will be no warranty.

Bollen International, Inc. will not warrant the application of their products by any outside painting contractor unless trained by Bollen International, Inc.

It is required that the contractor do a wall mock up (approx. 130 sq.ft.) with color selected by architect or designer for final approval.

Color Consistency Guarantee

Bollen International, Inc. hereby guarantees the customer color consistency of any selected color in the Crafton and Crafton Plus group of standard colors or any custom color that Bollen International, Inc. has agreed to provide.

Customer must check the color of the paint immediately upon receipt by applying the paint to a test area so that it can be determined that the color supplied is in accordance with the color specified in the written purchase order.

Warranty is limited to the replacement of materials only.

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CSI SPECIFICATION FORMAT

SECTION 09809

LOW V.O.C. MULTI COLOR INTERIOR COATING CRAFTON AND CRAFTON PLUS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. The Bidding Requirements, Contractual Conditions and General Requirements of Division One shall apply to all work hereunder.

1.02 SCOPE

- A. Work under this section includes the furnishing and installation of interior coatings in all areas as noted in the finish schedule.

1.03 RELATED SECTIONS

- A. Section 09250 - Gypsum Wallboard
- B. Section 09900 - Painting

1.04 SUBMITTALS

- A. Spray out of each color, at least 8" x 8" in size.
- B. Manufacturer's recommendations for application, maintenance and finish repair as shown in manufacturer's technical data sheets. Manufacturer's technical data sheets should be the ones valid at time of purchase.

PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. CRAFTON and CRAFTON PLUS products are manufactured by Bollen International Inc., Dallas, Texas and are listed for quality and generic type.
- B. Other products and those suggested to be equal, are not allowed unless the substitution is approved by Architect prior to bidding.
- C. CRAFTON and CRAFTON PLUS Products are distributed by BOLLEN INTERNATIONAL INC. Dallas, TX. Telephone: (214) 631-9300 Fax (214) 631-9302. Customer Service (800) 248 - 4808

CSI SPECIFICATION FORMAT

2.02

MATERIALS

- A. Primers and Sealers: All Substrates must be properly sealed and primed with a primer that has good bite and adhesion. When substrate is painted, scarify surface to facilitate adhesion. On Metal surfaces use a proper universal flat metal primer, tinted gray.
- B. Top coat to be CRAFTON and/or CRAFTON PLUS a multi-color low V.O.C wall coating for interior use.
See section 2.03 "Product Requirements."
- C. Materials to be delivered in sealed containers with Manufacturer's Material Safety Data sheets and labels intact.
- D. Store materials in dry, temperature controlled conditions. Prevent from freezing.

2.03 PRODUCT REQUIREMENTS

- A. CRAFTON and CRAFTON PLUS top-coatings.
 - 1. Color as specified by either Architect or Designer (Specifier).
 - 2. Water based emulsion multicolor paint, low V.O.C., odorless, EPA compliant -
 - 3. Recommended coverage: 125 to 130 sq. ft. per gallon When figuring coverage, allow for application loss, surface irregularities, etc.
 - 4. Fire Safety: Non- flammable
 - 5. Drying Time: Sets to the touch in 1 hour, dries hard in 3-hours. Fully cured in 7 to 10 days at 70F. Time to re-coat 1 hour.
 - 6. Toxicity: Water based - no toxins.
 - 7. Mold/Mildew: No visible growth in medium.
 - 8. Odor: No detectable odor. No evacuation required during application.
 - 9. V.O.C. VOC not to exceed 32.9 Grams per Liter or 0.27 LBS per Gallon, excluding water.
 - 10. Cleaning: Marks/scuffs and permanent marks to be removed with Fantastic or 409 all purpose cleaner using a soft brush.
 - 11. Surface texture: Fabric-like/soft texture.

CSI SPECIFICATION FORMAT

PART 3 – EXECUTION

3.01 PRE-WORK INSPECTION

- A. Examine surfaces to be coated and report any conditions which would adversely affect the coverage, appearance or performance of the coating system.
- B. Proceed with surface preparation and application only after surface is acceptable and authorization has been given by the Specifier Architect and/or Designer.

3.02 JOB CONDITIONS

- A. Apply coating only under the following prevailing conditions:
 - 1. Air and Surface temperature should not be below 50 degrees F.
 - 2. Do not apply the Crafton/Crafton Plus when humidity is high enough to cause surface condensation, or when temperatures fall below 41 degrees F. during drying period.
 - 3. All loose dust to be removed from all surfaces to be painted.
 - 4. Apply primer and coatings under adequate lighting conditions.

3.03 SURFACE PREPARATION

- A. Practices and procedures, normally followed in the painting profession, should be adhered to, with special reference to cleaning and preparing of substrate surfaces prior to the application of Crafton and Crafton Plus.
 - 1. Before applying the Primer/Crafton/Crafton Plus coatings, thoroughly clean all surfaces involved. Schedule all cleaning so that dust and other contaminants from the cleaning process do not fall on wet, newly coated surfaces.
 - 2. Surfaces shall be free of any foreign material that would adversely affect adhesion or appearance of the applied coating.
 - 3. It is required, on new construction, to achieve a level 5-wall finish before applying Crafton.
- B. Before coating is applied, surfaces shall be tested with a moisture-testing device. Coating shall not be applied when moisture content exceeds 12%. Test sufficient area in each space, as often as is necessary, to determine the proper moisture content for application.

CSI SPECIFICATION FORMAT

C. P

rimers and Sealers:

All substrates must be properly sealed and primed with a primer that has good bite and adhesion.

- D. Metals which are shop coated, not primed and damaged, shall be cleaned to meet the requirements of the Steel Structures Painting Council SP-3 Power tool. Cleaning and priming shall be in accordance with these specifications.
- E. Drywall, Plaster, Concrete, and Masonry substrate surfaces should be thoroughly inspected to assure that they are in proper condition.
- F. If wood has knots, sap stains, or bleeding dyes, a proper sealer must be used before priming.
- G. Walls with paper-backed wallpaper should be stripped first.
- H. Paint-Contractor shall sand and re-prime all abrasions and damaged spots in the surface of the prime coat before starting the application of the Crafton and/or Crafton Plus.
- I. Mildew, if any, shall be removed and neutralized.

3.04 APPLICATION

- A. Follow manufacturer's recommendations carefully so as to provide the best quality work. Contractor shall confirm with manufacturer that the recommendations, technical data, and specifications in hand are the most current available.

B DO NOT THIN CRAFTON and CRAFTON PLUS.

C - 1 Do not use a brush or airless spray equipment.

Spray on with Atomizing Spray Gun:

Use conventional spray equipment like a Bink's 2001 with # 565 needle, a # 66 fluid nozzle and a # 66SD external air cap when using a 5 HP air compressor. When using a 3 ½ HP air compressor, select the 66-SA air nozzle.

If the EPA in the Project Area would not allow the use of this Spray gun because of their specific V.O.C. requirements, then a spray gun equal to the Bink's Mach 1-Plus HVLP, is recommended. This gun complies with the most stringent

Air Quality Management VOC regulations in the USA.

Prior to application, Contractors have to make sure that the applicators did receive, read, and have understood the Manufacturer's most recent Spray Guidelines.

C - 2 **Mixing:** Mix by stirring or boxing. Mechanical agitators **should not** be used, since they would destroy the encapsulated multi-color particles in the paint.

C - 3 All materials shall be applied under adequate lighting, free of sags, holidays, lap marks, and pin holes to assure a proper finish top coat.

3.05 QUALITY ASSURANCE

- A. Always test CRAFTON and CRAFTON PLUS prior to proceeding with the final application.
Apply to a test area in order to confirm the condition of the substrate and also to assure that :
 - 1. Texture and color is consistent with the standard, specified by Architects/Designers and Principals.
 - 2. Coverage is in accordance with Painter/Contractors' calculations.
- B. Test Areas to be left in place as a part of the completed project.
- C. Upon Specifier Architect's/Designer's approval, test areas to serve as standard for all work.
- D. Touch-up and repair all work unacceptable to the Specifier until final acceptance.
- E. Contractor will allow Architect or Agent to inspect on-site work for the purpose of quality assurance to the Specifier and End-user/Principal.
- F. Should the finished coat be deemed unsatisfactory, it shall be re-coated until a full and satisfactory finish is achieved.

3.6 CLEANING

- A. Remove any paint over-spray from glass, plumbing fixtures, light fixtures, and adjoining surfaces.
- B. Repair any damage to coatings or surfaces caused by cleaning operations.
- C. Remove debris from job site and leave storage areas clean.

END OF SECTION

CRAFTON & CRAFTON PLUS

REPAIRING AND CLEANING

Repair:

- 1) **Repair** drywall following standard procedures. Sand surface smooth and level.
- 2) **Prime** over repaired area.
- 3) **Spray** horizontal then vertical **over repaired area**. Allow surface to set until almost dry.
- 4) **Repeat** this procedure one more time, spraying lightly, **only on the repaired area**.
- 5) **Spray, feathering** out over a larger area horizontal and vertical and allow surface to dry.

When this is done correctly, you will not see where the surface was repaired or touched up.

Cleaning:

Crafton cures in 7 to 10 days.

Surface may be cleaned using 409 household cleaner or Fantastic and a soft brush. This will remove ball point pen, rubber wheel and scuff marks, grease, and any other types of dirt.