



Specialty Paints & Products for  
Sign · Branding · Re-Imaging  
1.800.421.7961

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## **Q-CROM™ CHROME COATINGS**

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**Q-CROM™** products allow the spray application of chrome like appearance coatings for backlit plastic translucent or opaque applications. When compared to conventional vacuum metalized procedures, these products are much more affordable and provide long color durability and chrome like appearances.

### **PRODUCTS:**

**Q-CROM™ TC0001™** Standard Chrome for 2<sup>nd</sup> surface plastic application.

**Q-CROM™ TC0002™** Deep Chrome for 2<sup>nd</sup> surface plastic application.

**Q-CROM™ TC0003™** Clear Sealer for **Q-CROM™ TC0001™** or **Q-CROM™ TC0002™**

**Q-CROM™ TC0004™** Black Sealer for **Q-CROM™ TC0001™** or **Q-CROM™ TC0002™**

**Q-CROM™ TC0006™** White Sealer for **Q-CROM™ TC0001™** or **Q-CROM™ TC0002™**

### **2<sup>nd</sup> SURFACE APPLICATION RECOMMENDATIONS**

1.



#### **Safety:**

Use only NIOSH approved respirators and personal protection equipment recommended for the product used.

*Always review the MSDS – Material Safety Data Sheets before use*

2.

**Q-CROM™ TC0001™**

**Q-CROM™ TC0002™**

**2<sup>nd</sup> SURFACE**

**RECOMMENDATIONS:**

#### **SUITEABLE SURFACES:**

Polycarbonate, Impact Modified Acrylic, Acrylic:

Clean surface thoroughly with **Q-SOLV™ CD4402™ Plastic Cleaner** to remove surface contaminants and static electricity. Use only a clean Chamois.

3.

**SPRAY GUN**

**RECOMMEDATION:**

Mini Jet Gravity Feed: 0.6 mm - 0.8 mm

Full size Gravity Feed: 1.0 mm – 1.2 mm

Professional Quality spray equipment only (Sata or equivalent).

Air pressure setting of 15 to 25 lbs at the spray gun.

Fluid delivery setting: Begin with the fluid knob at closed position, slowly open fluid knob until a very fine mist appears. Typical number of coats is 8 to 12 with complete flash off time between each coat.



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4. **2<sup>nd</sup> SURFACE TRANSLUCENT APPLICATION RECOMMENDATIONS:**
1. Paint material, spray painting environment and substrate to be painted must be pre-warmed (70-85°F and below 50% relative humidity) and after painting maintain this temperature range until fully cured.
  2. **Q-CROM™ TC0001™** or **Q-CROM™ TC0002™** are one-component products and ready to spray.
  3. Do not shake any **Q-CROM™** product, stir only with a mixing stick before spray application.
  4. Utilizing a back lighted spray booth and a control panel, apply coats as required to obtain the required color and translucency. Allow 2-10 minute flash times between coats allowing a **full flash off** of solvent before next coat. Ambient temperature is recommended at 70-85°F and below 50% relative humidity. Allow **Q-CROM™** to dry a minimum of 60 minutes before applying sealer.
  5. Translucent **Q-CROM™ TC0001™** or **Q-CROM™ TC0002™** must be sealed with **Q-CROM™ TC0003™**, **Q-CROM™ TC0004™** or **Q-CROM™ TC0006™**. Dry time is 30-45 minutes.
  6. If needed, a white back ground diffuser can be mounted separately behind **Q-CROM™** colors to light up evenly at night.
  7. Allow to dry a minimum of 24 hours at 75°F before packaging.
  8. Always utilize a control panel to assure color and translucency requirements are met.
  9. Applying too much material per coat or not allowing complete flash off time between each coat will result in trapped solvent which will “cloud” or “white haze” the finish.
  10. Application with a spray gun that does not atomize the paint material correctly will result in a spotted finish.

Always test surface preparation, primer and topcoat compatibility to determine acceptability before any production run.

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