



# Technical Data Sheet



Made in U.S.A.

## AutoBorne Sealer

Water-Based

Acrylic Resin

VOC 63.54 g/L Reg.

### Description

High solids sealer-primer available in a variety of colors that dry to a matte finish. 6000 AutoBorne Transparent Sealer is an excellent adhesion promoter for any color. Works as an adhesion promoter for plastics and hard to paint substrates.

Compatible for use with all Createx Colors paints. For use as initial coating onto hard surfaces such as plastics, aluminum, wood, primers, cured finishes and surfaces generally hard get paint to stick to.

### Application

Apply direct to substrate, finish or primer. Apply direct to plastics; 6000 Transparent Sealer is an excellent plastic adhesion promoter for any color.

When painting non-treated or non-galvanized metal, use direct to metal (DTM) primer or treat with phosphoric acid to prevent corrosion. Applying AutoBorne Sealer direct to untreated metal may create corrosive spots which appear through coating and in final finish. AutoBorne Sealers OK direct to aluminum and galvanized & other treated metals.

Dilute 5 – 10% per volume with 4012. Allow mix 10 or more minutes to lessen surface tension, resulting in improved flow and spray performance.

Spray-Gun: 1.4mm tip size 22 – 25 psi

Mini-Gun: 1.3 – 1.4mm tip size 22 – 25 psi

Airbrush: 0.5mm ~ 27 – 30 psi

### Preparation

AutoBorne Sealer has excellent adhesion and will adhere well to a scuffed substrate. Sealers cover 320 grit sandpaper scratches, coarse scuff pad marks. Clean free of oils and dirt after sanding before paint.

AutoBorne Sealers have excellent sag resistance and may be applied in greater amounts compared to other Auto Air Colors and Createx paints. Be sure to reduce tip-size and adjust spray technique when changing from AutoBorne Sealer to next color.

### Coverage

3 – 4 coats should be required for complete, pin-hole free coverage. Each coat should have approximately 75% coverage, less when using a mini-gun or airbrush.

Follow-tip sizes. Use of smaller tip-size will restrict flow and coverage.

Lighter colors such 6004 Yellow, 6005 Orange and 6009 Process Blue require more coats compared to 6001 White, 6002 Black or 6013 Silver Sealer. Applying 6001 before lighter color will improve coverage and create a brighter value of color.

### Drying Times & Humidity

Estimated drying and curing times are set at 70 degrees F and 65% or less relative humidity (RH). Allow for extended drying times in colder or humid conditions.

Re-coat times: 5 – 10 minutes

Drying time before applying Createx paint: 20 – 30 minutes

Allowing Sealers enough time to form a hard surface for top-coated colors to flow over produces a smoother, flatter finish.

When painting in humid conditions, mix 4020 with 4012 for a cocktailed dilutant. Refer to 4012 or 4020 TDS for more information. 4020 is generally not required but may assist in excessively humid conditions.

### Plastics

AutoBorne Sealer adheres well to most plastics, including types used in modeling and automotive. Scuff with 600 – 800 grit, removing any gloss before paint. Apply first coat of sealer medium and allow to air dry thoroughly before next.

For some plastics that are unusually difficult to paint, 4016 Cross-Linker may be added for a fuller cure, improving adhesion and scratch & mar resistance.

- Add 4016 at 2% per volume to AutoBorne Sealer, then dilute with 4012 5 – 10% per volume
- 4-hour pot-life after adding 4016
- Refer to 4016 TDS for more

### **Sanding**

AutoBorne Sealer does not have to be scuffed or sanded prior to applying any Createx Colors paint or other paint type.

Sealers can be dry sanded, with material shaving easily shaving off using 600 – 1000 grit sandpaper. If Sealers appear to “roll” in paper, allow for more drying until they shave off finely.

Wet sanding is not recommended.

### **6013 Silver Sealer**

6013 Silver Sealer is intended for use as a ground coat (base coat) for other silver or aluminum colors, which are applied as a mid-coat color.

6013 Silver Sealer works well as base to Aluminum, Metallic and Pearlized Silver of any Createx paint type.

Silvers look evenly distributed (orientated) when applied over silver sealer, which itself is a silver with a very low metallic count, so top-coated silvers not only cover quick avoiding excess build-up, but also get the benefit of a little bit of hiding in areas where application was inconsistent.

### **Cleaning AutoBorne Sealers**

AutoBorne Sealers can be cleaned with a solvent-based degreaser or odorless mineral spirits. Cleaning is not usually required prior to top-coating with Createx Colors paint.

Allow Sealer 30 minutes or more prior to cleaning.

### **Cleaning Equipment**

Use warm water and 4012 to clean and rinse gun in between colors when using. Use 4008 Restorer as a rinse for final cleaning after use. 6001 Sealer White may have cured tip-dry around nozzle parts which 4008 will remove.

### **Pot-Life & Storage**

AutoBorne Sealers do not have a pot life. Store air-tight in a cool, dry environment away from direct light. Long term storage of paint after adding 4012 is not recommended. Best stored in temperatures between 40 – 80 degrees F.

Avoid freezing. AutoBorne Sealers will not thaw back in good condition if allowed to freeze.

### **Health & Safety**

Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not ingest. When spraying or sanding, use a properly-fitting NIOSH approved respirator per the manufacturer’s instructions.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: Use in in well ventilated areas and wear a NIOSH approved respirator.

Refer to AutoBorne Sealer SDS for additional information.

### **Warranty**

This product will perform as claimed if directions are followed. Warranty is limited to replacement or refund value of product. No other warranty is expressed or implied.

Manufactured by:



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