



Technical Data Sheet



Made in U.S.A.

4030 Balancing Clear Water-Based Urethane Resin

Description

Appears milky in solution. Dries to a satin, clear finish.

Usage

Mix Additive

Mix with any Createx Colors paint to create an acrylic-urethane paint.

Adding 4030 to Createx paints:

- Improves flow and reduces tip-dry
- Decreases surface tension allowing for heavier coats without cratering and improves leveling
- Increases adhesion and mar resistance
- Reduces drying times

4030 is generally added 10 – 25% per volume to Createx paints; when using candy2o, 4030 is added in greater amounts. 4030 is not recommended for use with AutoBorne Sealers, Scenix Mural & Theme Paints or SSR Clears. Refer to color for specific 4030 mix amounts.

candy2o is concentrated in the bottle and is intended for mixing with 4030 to achieve a stable resin load.

- Airbrush: mix 4030 30 – 50% per volume
- Spray gun: mix 4030 1:1. Add 4030 and candy2o in equal amounts for a less-concentrated candy which is easier to control with a more gradual build-up of color.

4030 is a resin and may be added in any ratio without affecting adhesion. Adding 4030 to paint does increase transparency.

Add 4030 to paint, then dilute with 4012. After mixing thoroughly, allow paint 10 minutes to acclimate to additives before spraying for optimum spray performance, especially when applying with a spray-gun.

Clear

4030 may be used as a clear. While not intended as a top-coat clear for automotive refinishing, it may be used as both an inter-coat for graphic use and a clear for sign painting, hobby, mural and similar applications.

When fully cured, 4030 is a water-resistant clear that is suitable for prolonged exposure to exterior conditions.

4030 is not intended as an inter-coat over candy2o. Use 4040 Bleed Checker over candy2o to prevent the dyes from leaching (bleeding) into top-coated colors.

Application: Dilute 5 – 10% 4012 and spray 25 – 30 psi with a 0.5mm tip-sized airbrush or 1.2 – 1.3mm spray-gun.

Drying Times

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. Mixing 4030 with paint assists in decreasing drying times.

When used as a clear, re-coat times are approximately 10 – 15 minutes. After the last coat is applied, time to tape and handle is approximately 30 minutes.

Time to top-coating with a final clear should be 60 minutes at a minimum. Full cure is approximately 24 hours after drying.

Scuffing is not required prior to top-coating with paint or clear.

4030 compared to 4040 Bleed Checker

4030 is a polyurethane resin that is softer compared to 4040 which is a modified acrylic-aliphatic polyurethane resin. 4030 works best as a mix-additive for adding to Createx paints whereas 4040 is best used as an inter-coat clear. 4040 can be used as a mix additive, added in lesser amounts compared to 4030.

4030 is softer compared to 4040, allowing for better flow and leveling when used as a mix additive. 4040 has higher chemical resistance and is more durable compared to 4030, making it a better inter-coat.

Cleaning

4030 and paint mixed with 4030 are best rinsed from the airbrush or spray-gun with 4012. Use 4008 Restorer as a rinse for final cleaning.

Pot-Life & Storage

4030 does not have a pot life. Store air-tight in a cool, dry environment away from direct light. Do not let 4030 freeze; it will not return to a liquid after thawing. Best stored in temperatures between 40 – 80 degrees F. If 4030 appears yellow in solution, do not use as it may have cured due to prolonged exposure to open air. Do not keep 4030 for long-term storage after adding 4012.

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 well ventilated areas and wear a NIOSH approved respirator.

Refer to 4030 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:



PO Box 120, 14 Airport Park Rd
East Granby, CT 06026
800.243.2712 | 860.653.5505
info@createxcolors.com