



Technical Data Sheet



Transparent Base: 5601, 4004, 5090 & 6000 Water-Based Acrylic Resin in a Clear Solution

Description

Transparent Base is the paint without the pigment. Each Createx paint brand has its own Transparent Base made with that brand's resin type and generally has the same coating characteristics as the colors within the specific brand.

Appears milky in solution. Dries to a clear finish.

Gloss level after drying depends on specific brand of paint, each Transparent Base matching the gloss level of the colors.

- 5601 Createx Airbrush Transparent Base: Semi-Gloss
- 4004 Auto Air | Wicked Colors Transparent Base: Semi-Gloss
- 5090 Illustration Transparent Base: Matte
- 6000 AutoBorne Transparent Sealer: Matte

General Usage

Clear – Transparent Base may be used as a protective coating.

- Inter-coat clear for protecting colors when taping & masking.
- Light, protective top-coat clear. Refer to specific Transparent Base information on this sheet for durability and application.

Transparency Extender – Transparent Base works as an extender when added to colors to increase transparency. 4011 or 4012 dilutes colors while Transparent Base adds resin to the mixture, allowing increased transparency of colors without losing adhesion. This is beneficial when creating washes and tints out of colors where there is more dilutant in the mix compared to color.

Paint Rejuvenator – Paint viscosity may increase after long term storage due to loss of water content. Adding Transparent Base to paint is best way to restore viscosity, as resin is added to the new mixture ensuring adhesion and durability are not affected. Strain well before spraying.

Specific Usage

5601 Createx Airbrush Transparent Base

- Textile specific. Best used for textiles & fabrics, leather and other flexible, porous substrates.
- Dries to a softer coating compared to other Transparent Bases.
- Use a base coating to prepare t-shirt for airbrushing. Applying 5601 before colors helps lock down fabric knap, preventing it from interfering while airbrushing. Also improves coverage as initial colors do not soak into fabric; this is especially helpful when airbrushing onto black. Heatsetting 5601 before applying colors is recommended for this application. Refer to textile application guide for more.

4004 Auto Air Colors | Wicked Colors Transparent Base

- Multi-purpose. Works on both textile and hard surfaces such as vinyl and aluminum.
- For plastics, adding 4030 Balancing Clear 10 – 20% per volume recommended.
- More durable compared to 5601 Transparent Base but not as durable as 6000 Transparent Sealer.

5090 Illustration Transparent Base

- Features delayed cross-linking during which clear easily erases yet cures to a hard, durable coating after 48 hours air drying.
- Low viscosity, thins colors well.

6000 AutoBorne Transparent Sealer

- Automotive-grade, our most durable Transparent Base.
- Does not have to be scuffed prior to paint.
- Self-levels & dries quickest of all Transparent Bases.
- Excellent adhesion promoter. Apply direct to any plastic for adhesion prior to applying colors.
- Limited flexibility; not for use direct to leather or vinyl; instead use 4004 Transparent Base mixed with 10 – 20% 4030 Balancing Clear for improved adhesion & durability.
- Compatible with all Createx paints.
- Cures and adheres best when diluted with 4011.



Technical Data Sheet

Transparent Base: 5601, 4004, 5090 & 6000

Water-Based Acrylic Resin in a Clear Solution



Application

- Transparent Base can be applied in a wide variety of manners.
- Most often is applied in very light coats commonly referred to as a “drop-coat”.
- Tip-sizes generally are the same as when shooting colors although psi settings may be a bit higher due to lower viscosity of Transparent Base compared to colors.
- Scuffing is not required prior to top-coating with paint or clear.
- Allow to air dry. Do not force dry with heat.
- When using either 5601 or 4004 on fabrics, heat-set for washfast durability. Heat set after Transparent Base has air dried tack free.

Drying Times

Estimated drying and curing times are set at 21 °C and 65% or less relative humidity (RH). Allow for extended drying times in colder or humid conditions. Diluting Transparent Base with 4011 Reducer decreases drying times and assists curing.

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 – 48 hours after drying.

Cleaning

Transparent Base is best rinsed from the airbrush or spray-gun with 5618 Airbrush Cleaner, 4011. Use 4008 Restorer as a rinse for final cleaning.

Pot-Life & Storage

Transparent Base does not have a pot life. Store air-tight in a cool, dry environment away from direct light. Do not keep Transparent Base for long-term storage after diluting with 4011.

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 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 respirator.

Refer to Transparent Base’s specific Createx paint brand SDS for additional information.

Manufactured by:
Createx Colors
East Granby, CT 06026, USA

European Distributor:
Createx Handels-GmbH
Kirchhoffstr. 7
24568 Kaltenkirchen
Germany
info@createx.de
www.createx.de

© 2020 Createx Handels-GmbH 20200825