



Technical Data Sheet



Wicked Colors Water-Based Acrylic Resin VOC 27.7 g/l

Description

Wicked Colors are fluid acrylic colors with specialized performance for airbrush and spray-gun application.

Wicked Colors cover semi-opaque out of the bottle due to high pigment volume. Extend with 4011 Reducer or 4004 Transparent Base for increased transparency.

Wicked Colors are made with a durable, acrylic resin and automotive-grade, lightfast pigments. Colors are suitable for interior and exterior applications.

For permanent, exterior paintjobs, top-coat Wicked Colors with a durable clear such as Createx UVLS Clears. Wicked Colors are compatible with any clear type, allow colors thoroughly dry before applying clear.

For application onto plastics, wood, any hard surface, adding 4030 Balancing Clear 10% per volume to colors is recommended. For washfast fabric and t-shirt painting, heat set colors. Refer to Textile Application Guide for more.

Products

Wicked Colors – Dry semi-gloss.
- Cover semi-opaque out of the bottle.
- Best for t-shirt and fabric painting.
- Same as Auto Air 4200 Series Transparent Colors.

Wicked Detail Colors – Dry matte.
- Cover transparent out of the bottle.
- Atomize finer with smaller tip-sized airbrushes at lower psi settings compared to Wicked Colors

Wicked Fluorescent Colors – Dry semi-gloss.
- Highly transparent.
- Not Lightfast! Not recommended for long-term or exterior applications.
- Same as Auto Air 4200 Series Fluorescent Colors.

Wicked Pearlized Colors – Dry satin.
- Cover semi-opaque out of the bottle.
- Best applied over a black, grey or white base.
- Same as Auto-Air Colors 4300 Series Colors.

4004 Transparent Base – Dries semi-gloss.

The colorless resin base to Wicked Colors.

- Add to extend paint for increased transparency while maintaining a higher viscosity compared with thinning with excess amounts of 4011 Reducer.
- Fabric primer: Apply direct to shirt to “lock down” fabric knap, allowing for tighter lines & cleaner colors
- Apply as light protective coating over Wicked Colors.
- Refer to 4004 Technical Data Sheet for more.

Compatibility

Wicked Colors are compatible with all other Createx paints and clears. Wicked Colors are also generally compatible with any other type of water-based and solvent-based paint.

When using Wicked Colors with solvent-based paints & clears, allow each to cure, (dry thoroughly for an extended period of at least 1 hour), prior to applying the next paint-type. Water-based and solvent-based may only be inter-coated, not directly mixed.

Mixing & Diluting Wicked Colors

Wicked Colors may be used out-of-the-bottle, or thinned with 4011 Reducer, (former Wicked W100 is the same as 4011 Reducer).

Generally, Wicked Colors are thinned 10% - 25% per volume with 4011 Reducer for airbrushing. Thin in small increments until colors flow and atomize into fine droplets of color. For application with spray-gun or large tip-sized airbrushes, colors may be thinned about 10% per volume with 4011 Reducer.

4011 Reducer is the standard thinner for Wicked Colors.

4030 Balancing Clear – add to Wicked Colors when painting plastics, leather, fiberglass and other hard-surfaces.

Mix 4030 Balancing Clear ~ 10% per vol. with Wicked Colors, then thin 10% - 25% per volume with 4011 Reducer.

- Allow mix 10+ minutes before spraying for optimum flow, especially for spray-gun use.
- Refer to 4030 TDS for more information



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Wicked Colors may be thinned with distilled or deionized water 10% per volume. Exceeding this amount may affect adhesion and drying times.

Storage

Only reduce Wicked Colors intended for use within 24 hours after mixing. Although Wicked Colors do not have a pot-life after mixing with 4011 Reducer, or 4030 Balancing Clear, best consistency for spraying colors is within the first 48 hours after mixing.

Always keep colors air-tight when not pouring paint from the bottle and store away from direct light, i.e. in a paint cabinet or box in a closet.

Application

Refer to Hard Surface Application Guide and Textile Application Guide for complete application process. Apply by airbrush, spray-gun or with a traditional brush.

Airbrush:

- Large / 0.5+ mm tip: Spray 2.7+ bar out of the bottle, thin 10% per vol. or more for lower pressure settings.
- Medium / ~ 0.35mm: Thin 10% - 20% per vol.
- Small / 0.18 – 0.3mm: 20% – 30%+ per volume
- Wicked Detail and Fluorescent Colors will spray better with less reduction compared to standard & Pearlescent Colors.
- Reduction amounts are guidelines. Test what works best for atomization of colors onto surface sprayed.

Spray-Gun:

- Thin 5% - 10% per vol.
- 1.2 – 1.3mm tip-size ~ 1.5 – 1.7 bar inlet
- Mini-Gun: 0.8 – 1.2mm tip-size ~ 1.5 – 1.9 bar
- Wicked Pearlescent Colors spray better with a 1.3mm tip-sized spray guns that have a double-atomization tip such as Iwata LPH400.

Wicked Colors are multi-surface, durable colors for a wide variety of applications and paintjobs, both indoor

and outdoor. Top-coat with a durable clear such as Createx UVLS Clears for exterior / outdoor applications, for a Gloss or Matte finish or to protect from repeated direct handling & contact.

Wicked Colors are compatible with a wide range of clear types, including solvent-based clears. For automotive refinishing, a catalyzed-urethane clear is often used. Always test first anytime using a new clear before top-coating an actual paintjob the first time using a new clear.

For application onto hard-plastics, glass and other hard-to-paint substrates, apply UVLS 4050 Gloss Clear as an adhesive primer, then apply Wicked Colors after 4050 Clear has dried.

Drying times and Humidity

Estimated drying and curing times are set at 21 °C and 65% or less relative humidity (RH). Allow for extended drying and curing when painting in colder temperatures or more humid conditions.

Re-coat times are approximately 10 – 15 minutes.

Time to top-coating with a final clear should be 60 minutes at a minimum. Full cure is ~ 48 hours after colors dry.

Cleaning from Airbrush or Spray-Gun

Wicked Colors are best rinsed from the airbrush or spray-gun with 5618 Airbrush Cleaner or 4011 Reducer. Use 4008 Restorer as a rinse for final clean to remove dried paint.

Cleaning after Wicked Colors Cure

Wicked Colors should only be cleaned after the paint has thoroughly dried, best 48 hours. Use a solvent-based degreaser or odorless mineral spirits to clean Wicked Colors.



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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 well ventilated areas and wear a respirator.

Refer to Wicked Colors SDS for additional information.

Manufactured by:

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European Distributor:

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Mapping Auto-Air Reference to Wicked Colors

Auto-Air	Wicked Colors	Auto-Air	Wicked Colors
4101 Aluminum Fine	W355 Aluminum Fine	4314 Pearl Black	W300 Pearl Black
4102 Aluminum Medium	W354 Aluminum Medium	4315 Pearl Orange	W306 Pearl Orange
4103 Aluminum Coarse	W356 Aluminum Coarse	4316 Pearl Radiant Red	W303 Pearl Red
4104 Quicksilver	W357 Quicksilver	4330 Metallic White (Fine)	W360 Metallic White (Fine)
4105 Gold Plating	W358 Gold Chrome	4331 Metall. White (Coarse)	W361 Met. White (Coarse)
4230 Transparent White	W001 White	4332 Metallic Silver	W351 Metallic Silver
4231 Transparent Yellow	W003 Yellow	4333 Metallic Gold	W350 Metallic Gold
4232 Transparent Sun Gold	W011 Golden Yellow	4334 Metallic Bronze	W362 Metallic Bronze
4233 Transparent Orange	W004 Orange	4335 Metallic Copper	W363 Metallic Copper
4234 Transparent Fire Red	W005 Red	4337 Blue Silver	W364 Blue Silver
4235 Transp. Traffic Red	W015 Crimson Red	4338 Metallic Burnt Orange	W365 Metall. Burnt Orange
4236 Transp. Cherry Red	W063 Detail Carmine	4340 Metall. Midnight Blue	W366 Metall. Midnight Blue
4237 Transp. Apple Green	W016 Apple Green	4341 Met. Fastback Green	W353 Met. Fastback Green
4241 Transparent Blue	W007 Blue	4342 Metallic Elegance	W367 Metallic Elegance
4247 Transparent Purple	W006 Violet	4343 Metallic Platinum	W352 Metallic Platinum
4248 Transp. Root Beer	W010 Brown	4344 Met. Charcoal-Viola	W368 Met. Charcoal-Viola
4249 Transparent Black	W002 Black	4345 Metallic Pewter	W369 Metallic Pewter
4251 Transparent Tan	W076 Det. CSC Fleshtone	4346 Metallic Light Brown	W370 Metallic Light Brown
4253 Transp. Red Oxide	W012 Red Oxide	4347 Metallic Dark Brown	W371 Metallic Dark Brown
4255 Transp. Cobalt Blue	W061 Detail Cobalt Blue	4348 Metallic Rose	W372 Metallic Rose
4301 Pearl White	W301 Pearl White	4349 Metallic Actress Gold	W373 Metallic Actress Gold
4302 Pearl Silver	W312 Pearl Silver	4350 Iridescent Brite Yellow	W302 Pearl Yellow
4303 Pearl Gold	W313 Pearl Gold	4355 Iridescent Brite Blue	W381 Pearl Brite Blue
4304 Pearl Lime Green	W305 Pearl Lime Green	4356 Irid. Electric Blue	W382 Pearl Electric Blue
4305 Pearl Green	W308 Pearl Green	4358 Iridescent Purple	W383 Pearl Electric Purple
4306 Pearl Teal	W309 Pearl Teal	4411 Flair Tint Violet	W450 Flair Tint Violet
4308 Pearl Blue	W304 Pearl Blue	4412 Flair Teal/Purple	W451 Flair Teal/Purple
4310 Pearl Magenta	W310 Pearl Magenta	4413 Flair Blue/Copper	W452 Flair Blue/Copper



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Auto-Air	Wicked Colors	Auto-Air	Wicked Colors
4311 Pearl Plum	W307 Pearl Plum	4420 Hi-Lite Gold	W400 Hi-Lite Gold
4312 Pearl Purple	W311 Pearl Purple	4421 Hi-Lite Orange	W401 Hi-Lite Orange
4422 Hi-Lite Red	W402 Hi-Lite Red	4505 Hot R. Sparkle Green	W424 Hot R. Sparkle Green
4423 Hi-Lite Green	W403 Hi-Lite Green	4506 Hot Rod Sparkle Red	W425 Hot Rod Sparkle Red
4424 Hi-Lite Blue	W404 Hi-Lite Blue	4507 Hot R. Sparkle Purple	W426 HR Sparkle Purple
4425 Hi-Lite Purple	W405 Hi-Lite Purple	4520 Cosmic Sparkle Silver	W440 Cosmic Sp. Silver
4446 Flair Silver Spectrum	W453 Flair Silver Spectrum	4521 Cosmic Sparkle Gold	W441 Cosmic Sparkle Gold
4501 Hot R. Sparkle White	W420 Hot R. Sparkle White	4522 Cosmic Sparkle Red	W442 Cosmic Sparkle Red
4502 HR Spark. Spectrum	W421 HR Spark. Spectrum	4523 Cosmic Sp. Copper	W443 Cosmic Sp. Copper
4503 Hot Rod Sparkle Gold	W422 Hot R. Sparkle Gold	4524 Cosmic Sparkle Blue	W444 Cosmic Sparkle Blue
4504 Hot Rod Sparkle Blue	W423 Hot R. Sparkle Blue	4525 Cosmic Sp. Green	W445 Cosmic Sp. Green
		4526 Cs. Sp. Autumn Red	W446 Cs. Sp. Autumn Red