



Technical Data Sheet



Scenix Fluorescent Paint (“Scenix”)

Fluorescent Colors & UV Coatings

Water-Based

Low VOC (40.8 g/L Reg.)

Aliphatic Acrylic-Urethane

Brush, Roll or Spray Application



Made in U.S.A.

Scenix Fluorescent Colors (“Scenix”)

A durable, water-based acrylic-urethane paint that may be used for a wide variety of interior and exterior applications.

Fluorescent pigments fade. Eventually, Scenix Fluorescent Colors will fade. How soon depends upon a wide variety of factors including intensity & duration of exposure to direct light, amount of material applied and more.

Fluorescent colors are most often applied over a white base-coat, which creates a lighter value for a brighter, more vibrant fluorescent color compared to applying over a color-keyed base color, which hides loss of fluorescent pigmentation better; for example, apply 7105 Fluorescent Yellow over 7004 Hansa Yellow. As pigment fades, underlying yellow is less noticeable compared to white.

- For optimal color-keying, add some of fluorescent color into color-keyed base color.

Mix Scenix Paint 1 of 2 Ways

1. Activate with 4016 Cross-Linker for fast curing
A unique feature of Scenix is that it may be activated, like a catalyzed, solvent-based paint. 4016 promotes a denser cross-linking of resin compared to air drying alone for accelerated cure times and maximized adhesion.

Step 1: Add 4016 2% per volume to paint, then

Step 2: Thin 2% - 10% with 4012 Reducer

- Stir-in only. Do not shake or place in an agitator.
- Wait 10 minutes for acclimation, then apply.
- 4-hour activation time after adding 4016.
- Paint may be re-activated again after 4 hours, only if not reduced. Best to thin small portions of activated paint when mixing larger amounts.
- Paint cures hard in 2 to 4 hours with excellent adhesion and mar resistance; ready for taping direct onto and applying a top-coat clear.

2. Thin with 4014 Reducer, No Activation Required

- Thin Scenix Paint 2% - 10% with 4014 Reducer
- Stir-in only. Do not shake or place in an agitator.
- 10 minutes for acclimation before spraying.
- Activation with 4016 Cross-Linker not required.
- Paint reduced with 4014 requires approx. 3X the drying time compared to activating with 4016.

Pot-Life

After adding 4016 Cross-Linker to Scenix, paint is best sprayed within the first few hours. After 4 hours, the 4016 Cross-Linker addition is no longer active in paint.

- After 4 hours, Scenix may once again be activated by adding 4016 Cross-Linker again at 2% per volume.
- After thinning with 4012 Reducer, Scenix may not be re-activated. Best practice when mixing large amounts of Scenix is to activate the gallon can (large amount), and only thin smaller portions poured off as needed.

Equipment Size & Set-Up

Spray gun: 1.2 – 1.4mm tip-size ~ 22 – 24 psi

Mini-Gun: 1.2mm tip ~ 22 – 24 psi

Brush: Use quality brush made for water-based paint.

Roller: Keep wetted edge

Spray Gun Application

- 3 coats for pinhole-free coverage:
1 tack coat (medium) and 2 medium-wet coats.
- Apply first coat lightly as a tack coat. Allow to air dry to a matte finish before applying next coat.
- Apply subsequent coats medium wet. Allow coats to air dry to a matte finish before applying next coat.
- Do not allow material to dry spray as this may create adhesion failure. Too much distance at high pressure creates a dry spray.
- Scenix dries to vibrant color. Any milky haze apparent when wet dries clear.

High Performance Version

For plastics & hard-to-paint substrates, a more robust version of Scenix is created by adding SSR Clear to Scenix paint.

- Add SSR Clear 10% to Scenix Paint, then activate with 4016 Cross-Linker and 4012 Reducer (do not use 4014).
- Although High Performance has improved resistance to outdoor elements, for maximum durability, top-coat with Scenix SSR Clear.
- Any SSR Clear can be mixed with Scenix paint; 7030 Gloss is best for maximum adhesion.

Drying Times & Curing

At 70 degrees F and 65% Relative Humidity, Scenix will dry to a matte coat in approximately 5 – 10 minutes.

- Use air to assist curing and shorten drying times.
- Do not cure with heat. Use of direct heat to dry Scenix will cause a loss of adhesion due to plasticizing of paint surface.
- Allow a 1-hour cure time minimum before top-coating with clear or taping, when paint is activated with 4016 Cross-Linker. Allow for longer time if air drying only.

Coverage

- Scenix paint approx. 350 sq. feet per 1 gallon.
- Scenix High Performance approx. 500 sq. feet per 1 gallon
- Coverage varies per color.

Humid & Cold Conditions

- Add 4020 to 4012. Mix in equal parts. 4020 contains acetone which assists flashing water from the paint mix.
- Allow for extended drying times when painting in humid conditions or temperatures lower than 65 degrees.
- Work in lighter coats with less thinning and extended re-coat times. Less thinning may also assist drying times.
- Allowing each light coat to dry tack free before applying next coat achieves quicker times to tape or clear.

Top-Coating Fluorescent Colors

Scenix SSR Clear vs. UV-Blocking Clear

Applying a UV-blocking clear will prolong the life of colors, but not by a great amount of time as the UV-blocking is more for non-yellowing of the clear itself, not protection of the underlying coating.

Scenix SSR Clears are made with an aliphatic resin, which does not require UV-blocking additives for non-yellowing protection. The benefit for top-coating Scenix fluorescent Colors with SSR is that the pigment's fluorescence of light is not inhibited by the same UV-blocking additives. The result is a cleaner, more vibrant fluorescent color in both natural and UV light.

Scenix SSR Clears (Sun Screen Resistant)

7030 Gloss, 7031 Matte, 7032 Satin

1. Add 4015 Cross-Linker 2% per volume to SSR Clear. (2oz. 4015 per 1-Gal. SSR Clear), then
2. Thin with 4011 Reducer 2% – 10% per volume.
3. Stir (do not shake) and allow SSR Clear mix ~ 10 minutes to acclimate, then spray.
4. Apply tack coat. Subsequent coats medium-wet.
5. 3 – 4 coats should be applied for pinhole-free coverage.
6. Do not allow material to dry spray as this may create adhesion failure. Too much distance at high pressure creates a dry spray.
7. Any milkiness from over-application will dry water-clear.

Cleaning

- Use water to clean guns after use and to rinse in-between color changes.
- Soak gun and brush in 4008 Restorer after painting. 4008 helps partially remove dried paint for easy clean-up with soap & water.
- Do not use 4012 as it promotes curing of the paint.

7130 UV Clear

- A transparent clear for mixing with or applying over non-fluorescent Scenix colors for enhanced UV effect. Has a blue-cast under UV / blacklight.
- Activate with 4016-Cross-Linker 2% per vol., then thin with 4012 Reducer 2% - 5% per vol.
- Not for use with fluorescent colors as UV effect is diminished; 7130 blocks some of the pigment's fluorescence especially under blacklight.

7131 UV White

- A fluorescent white made with optical brightener that has effect under blacklight.
- Activate with 4016-Cross-Linker 2% per vol., then thin with 4012 Reducer 2% - 10% per vol.

7132 UV Mixing White

- Non-UV reactive (standard) white for mixing with fluorescent colors for a lighter value, especially under blacklight.
- 7132's resin does not have a blue-hue shift, same as Scenix Fluorescent Colors, allowing for clean mixing without "muddying" under blacklight.

Preparation

Follow standard practices & procedures. If the surface has been damaged, remove all loose, chalking or flaking paint from the surface.

- Scenix is suitable for all direct to substrate applications except untreated metal. Prepare untreated metal with direct-to-metal primer or phosphoric acid.
- Apply Scenix High Performance direct to plastic, aluminum, fiberglass and other difficult to paint substrates.
- For especially difficult to paint plastics, Scenix SSR Clear is an excellent adhesion promoter.

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.

Skin contact: Thoroughly wash with soap and warm water before Scenix dries. Wearing gloves is recommended.

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 Scenix SDS for additional information.

⚠ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov

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.

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