

# **Technical Data Sheet**

# Scenix Fluorescent Paint ("Scenix")

Fluorescent Colors & UV Coatings Water-Based Low VOC 40.8 g/l Aliphatic Acrylic-Urethane Brush, Roll or Spray Application



## 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.

# Scenix Paint Set-Up & Mix

- Thin with 4011 Reducer 2% 10% per vol.
- Stir in reducer, do not shake on agitator.
- Allow Paint mix ~ 10 minutes to acclimate, then spray.
- Do not thin with 4012 Reducer; it cures the paint too fast leading to aeration issues.

### Pot-Life

There is no pot life. Scenix may be used any time after thinning with 4011 Reducer.

# **Equipment Size & Set-Up**

Spray gun: 1.2 – 1.4mm tip-size ~ 1.5 – 1.7 bar

Mini-Gun: 1.2mm tip  $\sim 1.5 - 1.7$  bar

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.

# **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.

# **Coverage**

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

# **Humid & Cold Conditions**

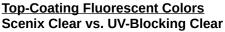
- Allow for extended drying times when painting in humid conditions or temperatures lower than 65 degrees.
- Work in lighter coats with less thinning and extended re-coat times. Less thinning may also assist drying times.
- Allowing each light coat to dry tack free before applying next coat achieves quicker times to tape or clear.



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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 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 Scenix Clear 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 Clears**

7030 Gloss, 7031 Matte, 7032 Satin

- 1. Thin with 4011 Reducer, 2% 20% per volume.
- 2. Allow Scenix Clear mix ~ 10 minutes to acclimate, then spray.
- 3. Apply tack coat. Subsequent coats medium-wet.
- 3 4 coats should be applied for pinhole-free coverage.
- 5. Do not allow material to dry spray as this may create adhesion failure. Too much distance at high pressure creates a dry spray.
- 6. Any milkiness from over-application will dry waterclear.

# **Cleaning**

- Use water to clean guns after use and to rinse inbetween 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 4011 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 4011 Reducer 2% 10% per vol.

# **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, Createx UVLS Clear is an excellent adhesion promoter.



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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. 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 respirator.

Refer to Scenix SDS for additional information.

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