

Technical Bulletin

SCREAMIN'

SRX™ Fluorescent Acrylic Latex Paint

DayGlo® SRX latex paint is a premium, low odor, fluorescent, water-based paint. Maximum lightfastness and film integrity are dependent upon the use of DayGlo SRX Filteray® W (clear overcoat) which is described below.

Available Colors:

SRX-11	Aurora Pink®	SRX-18	Signal Green™
SRX-13	Rocket Red™	SRX-19	Horizon Blue™
SRX-15	Blaze Orange™	SRX-20	Ultra Violet™
SRX-17	Saturn Yellow®	SRX-08A	Filteray® W

Studies indicate that if an all-purpose single color is desired for impact, Blaze Orange is generally best for contrast with most natural backgrounds. DayGlo's fluorescent colors do not tend to appear white, gray, or black (achromatic) at extreme distances and at dusk, dawn or low light conditions as do most non-fluorescent colors. This is a huge benefit for signage and any product that needs to be seen in a work environment for safety or efficiency.

Features:

- Formaldehyde-free formulation
- Low odor
- Environmentally friendly
- 100% acrylic latex
- Available in 7 brilliant fluorescent colors and Filteray W clear overcoat
- Available in 1 pint and 1 gallon containers

Physical Properties:

Grind	5.0 Min. (Hegman gauge)
Viscosity	1,500 - 2,500 cps @ 77°F
pH	8.00-9.00

Applications:

The DayGlo SRX latex paint can be used anywhere that requires a high visibility brushing paint. Some of the general areas of use include:

Theatrical and Special Effects: For use in haunted houses and stage painting. They can also be used to create 3-D images.

Graphic Arts: For outdoor advertising signs, murals, painted bulletins, store signs, truck signs, and trade exhibits.

Safety: For aviation, industrial and marine uses on aircraft, ground support equipment, navigational aids, safety markings, equipment, machinery, fire protection equipment, first aid kits, traffic controls, boats, buoys, docks, and life-saving equipment.

Hobby-Sports: For use on models and toys, markings on easily lost sporting equipment (boomerangs, arrows, fishing gear) and identification markings on personal equipment.

SCREAMIN' Filteray® W:

Filteray W is a clear overcoat designed for use over the SRX fluorescent latex paint. The Filteray W absorbs some of the harmful rays of the sun that cause premature fading of fluorescent colors during continued exposure to direct sunlight. A topcoat of Filteray W can double the lightfastness of DayGlo's fluorescent colors. Ordinary varnishes and overcoats do not have the protective action of the SRX Filteray W overcoat and can do more harm than good when used over DayGlo's fluorescent colors.

Filteray W is not recommended for interior use where coatings are exposed to black light or artificial ultraviolet light sources. Fluorescent surfaces coated with Filteray W will not fluoresce in the dark under black light.

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The final surface produced by the Filteray W overcoat is harder and has a higher gloss than the DayGlo SRX latex paint alone. This means that it will be more resistant to wear and more easily cleaned. The quantity of Filteray W overcoat required is usually 2/3 that of the paint.

Lightfastness:

The useful outdoor life of the color is determined by the thickness and uniformity of the DayGlo SRX coating. For greatly increased resistance to sunlight, an overcoat of SRX Filteray W is required.

The following table gives a guide to expected lightfastness. The lower number is representative of exposure in southern latitudes; the larger number in northern latitudes.

- 1 heavy coat of DayGlo SRX paint (1.5 mils dry)	3 - 6 months
- 1 heavy coat of DayGlo SRX paint (1.5 mils dry) - 1 uniform overcoat of Filteray W (1.5 mils dry)	6 - 12 months
- 2 heavy coats of DayGlo SRX paint (3 mils dry) - 1 uniform overcoat of Filteray W (1.5 mils dry)	12 - 24 months

One coat of DayGlo SRX latex paint is usually sufficient for interior markings, as the color is virtually unaffected by light sources other than direct sunlight. For storefronts, panel truck signs, etc., which must last a year or more, apply a coat of Filteray W overcoat over two coats of DayGlo SRX latex paint.

General Application Instructions:

Undercoat:

DayGlo SRX latex paints are semi-transparent and, therefore, brightest when applied over a clean, white surface. White semi-gloss latex coatings, flat white latex undercoaters, water based primer-sealers and water-based bulletin blockout whites are ideally suited for this purpose. Over old finishes, clean and sand before applying a white undercoat or primer that offers good adhesion to both the old finish and new DayGlo paint. However, best performance can be achieved by removing old finishes and starting with a freshly primed surface.

SRX Latex Paint Color Coat:

1. Stir well and if thinning is necessary, use water. (AVOID OVER THINNING).
2. Apply one heavy coat of DayGlo SRX latex paint with a soft brush. Use short strokes. Cover completely and smooth out as you go to produce a uniform deep layer (approximately 1.5 mils thick dry). Keep in mind that thin spots or streaks will fade prematurely. Allow to set-up or "top dry" at least 10 minutes (@ 70°F).
3. Apply the second coat same as the first. Allow 3 hours to dry before applying DayGlo SRX Filteray W overcoat.
4. For sign applications, the DayGlo SRX coat can simply be roughed in, slightly overlapping the copy line. Your copy line will not be hidden because DayGlo SCR paint is semi-transparent. Do not try to work the paint exactly to a line. An opaque background should be used to cut in accurately to the copy line for sharp detail after the DayGlo SRX paint has top dried 24 hours.

Filteray W Overcoat:

1. Apply one heavy coat of DayGlo SRX Filteray W overcoat (1.5 mils dry). Thin, only if necessary, using water. This product works best when applied by brush.
 2. Allow surface to dry 2 hours before putting into service.
 3. Clean brushes should always be used. After use, they can be cleaned up with warm water.
 4. Application of **Filteray W** will cause the color to deepen. It will have a glossy finish.
 5. The use of **Filteray W** will diminish the UV response of the finished paint.
- DayGlo SRX latex paint and Filteray W overcoat may be applied by spray gun. Stir well and thin to spraying consistency using water, then strain.
 - The nominal shelf life of the SRX latex paint and Filteray W overcoat is one year in unopened cans. These products should be stirred before use.
 - Avoid freezing and close can tightly when not in use. Use with adequate ventilation.

Ver. 160713

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