

Technical Bulletin



Fluorescent SCR 100% ACRYLIC LATEX BRUSHING PAINT

DayGlo SCR Brushing Paint is a premium fluorescent water-based brushing paint. Maximum lightfastness and film integrity are dependent upon the use of DayGlo SCR FILTERAY[®] Type "W" (clear overcoat) which is described below.

Available Colors:

SCR-11	Aurora Pink [®]	SCR-17	Saturn Yellow [®]
SCR-13	Rocket Red [™]	SCR-18	Signal Green [™]
SCR-14	Fire Orange [™]	SCR-19	Horizon Blue [™]
SCR-15	Blaze Orange [™]	SCR-21	Corona Magenta [™]
SCR-16	Arc Yellow [™]	SCR-08A	Filteray [®] W

Studies indicate that if an all-purpose single color is desired for impact, Blaze Orange and Fire Orange are generally best for contrast with most natural backgrounds. DayGlo 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:

- Available 9 brilliant fluorescent colors and Filteray W clearcoat
- 100% acrylic latex
- Environmentally friendly (meets all VOC requirements for industrial and graphic arts coatings)
- Available in 1 gallon, 5 gallon, and 55 gallon containers

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Physical Properties:

Grind	5.0 Min Hegman Gage
Viscosity	1,500 - 2,500 cps @ 77°F
pH	8.00-9.00
Solvent Resistance	The dry film of DayGlo SCR Brushing Paint is resistant to most aliphatic and aromatic solvents

Applications:

The DayGlo SCR Brushing 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 SCR Fluorescent Brushing 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 fluorescent colors. Ordinary varnishes and overcoats do not have the protective action of the SCR FILTERAY W overcoat and can do more harm than good when used over DayGlo 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 SCR Brushing 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 SCR coating. For greatly increased resistance to sunlight, an overcoat of SCR 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 SCR paint (1.5 mils dry)	3 - 6 months
- 1 heavy coat of DayGlo SCR paint (1.5 mils dry) - 1 uniform overcoat of FILTERAY W (1.5 mils dry)	6 - 12 months
- 2 heavy coats of DayGlo SCR paint (3 mils dry) - 1 uniform overcoat of FILTERAY W (1.5 mils dry)	12 - 24 months

One coat of DayGlo SCR Brushing 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 SCR Brushing Paint.

General Application Instructions:

Undercoat:

DayGlo SCR Brushing 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.

SCR Brushing Paint Color Coat:

1. Stir well and if thinning is necessary, use water. **AVOID OVER THINNING.**

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1. Apply one heavy coat of DayGlo SCR Brushing 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).
2. Apply the second coat same as the first. Allow 3 hours to dry before applying DayGlo SCR FILTERAY W overcoat.
3. For sign applications, the DayGlo SCR 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 SCR paint has top dried 24 hours.

FILTERAY W Overcoat:

1. Apply one heavy coat of DayGlo SCR 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.
- DayGlo SCR latex Brushing Paint and DayGlo SCR FILTERAY W overcoat both comply with all present air pollution control legislation.
 - DayGlo SCR Brushing 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 SCR Brushing 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.

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