

Ultra Violet Reactive Pigments

UV Powder

Product

An Ultra Violet Pigment is a fluorescent dye that has been dissolved in resin, and then ground to a fine pigment. When exposed to ultra violet light these pigments fluoresce intensely.

All the colours are visible under normal light, and are fluorescent in UV light except for Invisible Blue. This milky semi-transparent colour is almost invisible in normal light but glows pale blue under UV.

Use

The product is used extensively in nightclubs for special effects under UV light. Best results can be obtained by painting onto a bright white surface. This allows the light to reflect back through the paint and increases the colour intensity. These pigments are not light-fast and as such are not suitable for fine art applications.

Recipe

UV Powder can be mixed with most water-based media to produce fluorescent paint.

500 ml glaze mix

100 grams UV powder

Method

Mix UV powder to a paste with glaze mix. Thin out with the above proportion of glaze mix.

If using concentrated emulsion glaze dilute 2 parts water to 1 part glaze to give the correct mix.



UV Powder

	£ Ex	£ Inc
Arc Chrome - 100 g	4.75	5.70
Arc Chrome - ½ Kilo	13.50	16.20
Arc Chrome - 1 Kilo	24.67	29.60
Aurora Pink - 100 g	4.58	5.50
Aurora Pink - ½ Kilo	12.50	15.00
Aurora Pink - 1 Kilo	22.67	27.20
Fire Orange - 100 g	4.75	5.70
Fire Orange - ½ Kilo	13.50	16.20
Fire Orange - 1 Kilo	24.67	29.60
Horizon Blue - 100 g	4.92	5.90
Horizon Blue - ½ Kilo	14.25	17.10
Horizon Blue - 1 Kilo	26.00	31.20
Invisible Blue - 100 g	5.83	7.00
Invisible Blue - ½ Kilo	18.83	22.60
Invisible Blue - 1 Kilo	35.25	42.30
Magenta - 100 g	5.50	6.60
Magenta - ½ Kilo	12.42	14.90
Magenta - 1 Kilo	22.42	26.90
Rocket Red - 100 g	4.67	5.60
Rocket Red - ½ Kilo	13.00	15.60
Rocket Red - 1 Kilo	23.50	28.20
Saturn Yellow - 100 g	4.83	5.80
Saturn Yellow - ½ Kilo	14.00	16.80
Saturn Yellow - 1 Kilo	25.67	30.80
Signal Green - 100 g	4.75	5.70
Signal Green - ½ Kilo	13.67	16.40
Signal Green - 1 Kilo	24.83	29.80

Brodie & Middleton Luminous Paint

Luminous paint is available in 250 and 500 ml bottles made up in a PVA base. This paint is phosphorescent, meaning that it absorbs light energy which it will then emit when the light source is removed. It gives out a greenish glow in the dark. The strength of the glow will depend on the strength and duration of the light exposure. Like fluorescent paint this paint is not permanent.

£ Ex £ Inc

Luminous Paint

	£ Ex	£ Inc
250 ml	11.40	13.70
500 ml	20.26	24.30

Wildfire Ultra Violet Reactive Paints

	£ Ex	£ Inc
Standard Colours		
177 ml	10.08	12.10
473 ml	20.17	24.20
946 ml	34.00	40.80
3.78 Litre	86.25	103.50
Ref	Colour	
01	Bright Green	
02	Bright Orange	
03	Bright Red	
04	Brilliant Yellow	
05	Deep Blue	
06	Deep Violet	
07	Deep Yellow	
08	Hot Pink	
9	Invisible Blue	
10	Invisible Blue Clear	
11	Magenta	
Invisible Yellow & Orange		
177 ml	24.25	29.10
473 ml	34.25	41.10
946 ml	62.58	75.10
3.78 Litre	187.67	225.20
Invisible Green & Red		
177 ml	50.00	60.00
473 ml	100.75	120.90
946 ml	169.08	202.90
3.78 Litre	434.50	521.40
Optical White		
177 ml	14.17	17.00
473 ml	26.25	31.50
946 ml	45.58	54.70
3.78 Litre	117.50	141.00

	£ Ex	£ Inc
Wildfire Inhibitor Gloss & Matt		
177 ml	9.17	11.00
473 ml	15.17	18.20
946 ml	24.42	29.30
3.78 Litre	66.75	80.10
Glow Green - Luminescent		
177 ml	20.92	25.10
473 ml	30.33	36.40
946 ml	54.83	65.80
3.78 Litre	164.08	196.90
Invisible Clear Colours 177 ml*		
Invisible Clear Green	41.02	49.22
Invisible Clear Red	43.74	52.49
Invisible Clear Yellow	27.23	32.68
Invisible Clear Blue	21.88	26.25
Invisible Clear White	30.04	36.05
Invisible Clear Black	21.88	26.25

*All other sizes to order



Wildfire UV Reactive Paints

In our opinion these paints are the most intense UV colours on the market and up to now they have been difficult to buy over the counter in the UK.

In addition to the usual range of fluorescent colours, the Wildfire range also includes a set of 'invisible' colours, including blue, red, green, orange and yellow. These paints appear milky white under normal light, but fluoresce intensely when under UV light, allowing the artist huge scope for dramatic transformation effects.

Invisible Clear Colours are totally clear when dry and will fluoresce under UV light. This makes them ideal for painting on darker surfaces where standard invisible colours would show.

All visible paint colours appear bright under ordinary light and fluoresce brilliantly under UV light, while the white invisible paint colours change to bright glowing colours when UV light is applied. Colours can be intermixed as desired to create tertiary colours. Wildfire Glow Green is a photo luminescent paint that glows in the dark. The longer and more intense the exposure to UV light, the longer and brighter the Glow Green will glow.

All Wildfire UV Reactive Paints are acrylic based and dry quickly to a smooth matt finish that is water resistant and flexible.

In some applications (e.g. high traffic exposures) Wildfire UV Reactive Paint may require a protective clear topcoat. Use Wildfire Matte or Gloss Inhibitor sealer over Wildfire Luminescent Paints. This specially formulated sealer protects and inhibits UV-B and UV-C while still allowing Wildfire UV-A to pass through in addition to improving washability and wear resistance.

