

FLINTS TRADITIONAL PAINTS AND DYES

Any suggestions given as to the preparation and usage of materials in this section are given in good faith and taken from advice given, or from reference works. We should state that every artist consulted had slightly different techniques and ideas for the usage and application of the materials. Our intention is to provide a reference point only for general guidance.

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FLINTS DRY SCENIC COLOURS



Flints range of well packaged dry scenic colours provide the scenic artist with the opportunity to produce some really vivid matt colours at an economical cost. Hand made traditional paints will often enable the artist to produce colours unobtainable from the ready mixed ranges with the extra satisfaction of gaining perfect control over the final paint quality. [A hand painted colour chart is obtainable on request.]

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Safety When handling dry colours always wear gloves and a mask such as the 3M 8825 [see page 3.43]. The powders listed are of low toxicity. Flints do not stock the toxic lead based pigments. Health and safety sheets can be downloaded from flints.co.uk/safety

Methods There are three ways of converting your dry pigment into liquid paint. In all cases put 1kg of powder into a galvanised bucket then add sufficient cold water to make a thick paste. Because dry powders darken when wet many artists will mix the powders while dry to achieve the desired colour rather than mixing wet paint. If the powder proves difficult to mix then add a drop of washing up liquid or some meths to break the surface tension. Then proceed with one of the following methods:

The Traditional Method is to use granular size [see page 1.78]. In a galvanised bucket mix 500g of size with 1L of cold water, agitate well and leave for at least an hour to swell into a thick gel. Place the bucket into another bucket half full of water and warm on a hot plate. Take care that the size does not exceed 55° C. Once the size has completely dissolved, gradually dilute it further with warm water. The mix should feel sticky between the fingers and should run smoothly from a stick without dripping. Finally mix the liquid size with the pigment paste. Check the mix by dipping a piece of paper and drying it with a hair dryer. The paint should not rub off, if it does, add more size. If the surface sparkles all over then the mix is probably too strong. The paint should be applied to the primed canvas [see page 1.13] whilst still warm. Canvas flats painted with this method can be tightened by applying warm water to the back of the flat. The paint can be removed by scrubbing with warm water but this will have a detrimental effect on any flame-proofing chemicals in the canvas.

The Modern Method is to fix the pigment with a binder medium such as Flint Bond PVA or any emulsion glaze. Just add around 1.5L of the medium to the pigment paste until a smooth thin cream is obtained. This paint is applied cold.

The Temporary Method is to use the pigment with little or no binder. This will make an un-fixed paint useful as temporary graffiti for film location work. It will wash off with water. The paint will cover between 8-10 square metres per litre.



Due to the limitations of the printing process used in this catalogue the colour chart should only be used as a rough guide.

Dry Scenic Colours	code	500g	5kg
Pthalo Blue	DPP057X	£6.09	£53.39
Ultramarine Blue	DPP019X	£5.80	£49.41
Prussian Blue	DPP032X	DISCONTINUED	
Pthalo Green	DPP056X	£6.09	£53.39
Bright Organic Yellow	DPP042X	£10.73	£89.37
Yellow Ochre	DPP014X	£3.91	£25.04
Organic Bright Orange	DPP041X	£10.73	£89.37
Organic Bright Red	DPP040X	£10.73	£89.37
Deep Red Iron Oxide	DPP036X	£3.91	£25.04
Terracotta	DPP043X	£3.91	£25.04
Raw Sienna	DPP001X	£4.78	£31.59
Burnt Sienna	DPP002X	£4.78	£31.59
Raw Umber	DPP003X	£4.78	£31.59
Burnt Umber	DPP004X	£4.78	£31.59
Black Iron Oxide	DPP029X	£3.91	£25.04
Titanium White	DPP030X	£5.25	£33.88

[1]

[5]

The X Factor

Throughout the catalogue you will see X inserted into our codes. This indicates that a quantity or colour code needs to be inserted to finally identify the product. The code to be inserted appears in brackets at the bottom of the column. Looking at the above dry scenic colours, shows that DPP0571 is 500g of Pthalo Blue. If you fax orders using only codes with the X left in we will need to phone you to find out the quantity (or colour) of the product.

WHITING AND SIZE FOR PRIMING CANVAS FLATS



Refined, ground and washed calcium carbonate. Used to make gesso and as a primer for scenic canvas when mixed with size. This primer will tighten the canvas to a drum like tension resulting in a perfectly flat surface to paint onto. The mix is a matter of choice but the following guide may help. Soak 1 part of granular size to 2 parts of water for one hour then warm in a double boiler until the size has completely dissolved. Two galvanised buckets with a brick in the bottom makes a good double boiler. Stir in the whiting and more water until you achieve a mix that will just run from a stick in a continuous stream. To test the mix dip in a piece of paper and dry with a heat gun. There should be just one or two sparkles of size reflecting in the light, too many and the mix is too strong but too few and the whiting will not be fully bound. Apply to the flat avoiding holidays while the mix is still warm. Note: When canvassing the flats be careful not to stretch the canvas too tightly as the shrinking effect of the warm size could "banana" your frame. For priming cloths we would recommend using Rosco White Base diluted 2:1 with water [see page 1.2]

Whiting	code	1kg	25kg
	PAT850	£0.96	£13.50
Size	code	1kg	25kg
	PAT852	£3.90	£87.50
	code	price	
Galvanised Bucket	PBR619	£8.35	
Hot Plate	PBR619HP	£36.78	

FLINTS CONCENTRATED LIQUID PIGMENTS

new size



Lemon
CLP0052



Buttercup
CLP0072



Chestnut
CLP0232



Royal Blue
CLP0172



Scarlet
CLP0112



Turquoise
CLP0192



Violet
CLP0152



Orange
CLP0092



Red
CLP0132



Emerald
CLP0212

Flints Concentrated Liquid Pigments These powerful liquid pigments are non-toxic and lead free. They are fully inter-mixable water based products containing no solvent. Use them as tints in paints and glazes. They are a preferable choice for colouring textures as only a small quantity of liquid is needed so the consistency of the texture is preserved. Pigments can be mixed with PVA binder such as Flint Bond to make a paint. 30g per litre will make a strong paint or 10g per litre will make a medium paint.

Colour	code	250g	colour	code	250g
White	CLP0012	£12.50	Violet	CLP0152	£16.69
Black	CLP0032	£12.50	Royal Blue	CLP0172	£16.69
Lemon	CLP0052	£16.69	Turquoise	CLP0192	£16.69
Buttercup	CLP0072	£16.69	Emerald	CLP0212	£16.69
Orange	CLP0092	£16.69	Chestnut	CLP0232	£16.69
Scarlet	CLP0112	£16.69	Red	CLP0132	£16.69

FLINTS SAFE WATER BASED DYES



Turquoise/Azure
DPPD2



Gordon's Sky Blue
DPPD4



Royal Blue
DPPD6



Indigo Blue
DPPD8



Cornflower Blue
DPPD10



Blue Violet/Purple
DPPD11



Red
DPPD12



Bramble Pink
DPPD14



Burnt Orange
DPPD16



Chestnut Brown
DPPD18



Ochre Brown
DPPD20



Sun Gold
DPPD22



Lemon Yellow
DPPD24



Lime Green
DPPD26



Mid Green
DPPD28



Bottle Green
DPPD30



Silver Grey Driftwood
DPPD32



Charcoal
DPPD34



Flints Safe Water Based Dyes They are ideal for working on cloths and gauzes which need to remain supple and they normally require no fixing. The dye can be applied by brush or spray like conventional scenic paints. Items such as rope can be soaked directly in the dye and hung up to dry. Our blue dyes are used worldwide for skylcloths. Supplied as a powder in easy to store 250g pots. To use just add 2 litres of hot water to 25g of dye. Each container holds enough dye to make approximately 20 litres depending on the final colour tone required [the chart shows the colours full and half strength]. Our silver grey is made from one dye type so it remains grey even when heavily diluted, many dyes veer towards brown or blue as they are diluted. This dye is ideal for weathering timber. Flints dyes are not suitable for use on synthetics.

- ✓ Safe and simple to use. ✓ Normally require no fixing
- ✓ Keeps cloths supple

Safe Water Based Dyes	250g	£17.64	
Turquoise/Azure	DPPD2	Gordon's Sky Blue	DPPD4
Royal Blue	DPPD6	Indigo Blue	DPPD8
Cornflower Blue	DPPD10	Blue Violet/Purple	DPPD11
Red	DPPD12	Bramble Pink	DPPD14
Burnt Orange	DPPD16	Chestnut Brown	DPPD18
Ochre Brown	DPPD20	Sun Gold	DPPD22
Lemon Yellow	DPPD24	Lime Green	DPPD26
Mid Green	DPPD28	Bottle Green	DPPD30
Silver Grey Driftwood	DPPD32	Charcoal	DPPD34
Black	DPPD36		

new

Fixitol P If the dyes are being used on very thick fabrics such as velour or if the cloths are being frequently handled then the dyes can be additionally fixed by spraying with Fixitol P which will help prevent any rub off. To spray, add 40g Fixitol per litre of water.

Fixitol P	code	1kg	code	5kg
	DPP20011	£6.70	DPP20015	£19.00

VANDYKE CRYSTALS

Vandyke Crystals Used to provide a warm brown aged look to wood. Vandyke can be mixed with warm water, glaze or size. The amount of dilution depends on the depth of colour required. Apply liberally with a wide brush.

Vandyke Crystals	code	500g
	DPP061	£8.39