

## BINDERS & ADHESION PROMOTERS

### Binders - When to use them

We love binders. Not only can you use them to make your own paint from scratch, using pigments and powders, but they are far more useful than that! For example if you have a paint, like Rosco SuperSaturated [page 17], which gives you the perfect colour, but you want to reduce the concentration of the colour down to a wash, most people would just dilute with water - no problem? Unfortunately, by doing this, you are also reducing the concentration of the binders, which in turn will dramatically reduce the adhesion of the diluted paint and make it much less hardwearing. The solution is to instead dilute the paint using the base binder (if available), thus reducing the concentration of the pigments.

#### Rosco Neutral Base

An acrylic binder with no pigment to use to increase adhesion when paint has been diluted with water. It is especially useful with heavily diluted supersaturated paints that are being used on difficult surfaces. Add it to Rosco paint when painting items such as door handles.

Covers 8 - 10 m<sup>2</sup> per litre.

code	volume	price
ROS16001	1L	£20.25
ROS56001	5L	£77.00

#### Bristol SuperScenic Binder

This pigment-free binder from the Bristol SuperScenic range [see page 18] is available separately to allow colour dilution without reducing the adhesion - vital when a durable finish is required, but can also be used to make your own highly flexible paints. Why not check out our scenic pigments and powders on page 29. Primarily designed to be used on fabrics, it can also be used on other surfaces.



code	weight	price
BSSB1	1kg	£28.71
BSSB4	4kg	£106.04

#### Hato®Silk SM

Strictly this is not a binder designed to be used stand-alone, but rather it's the base of the incredible Hato®Silk range [see page 33] but we reckon it's useful to be listed here. If used with your own pigments [liquid pigments -page 30- might work best] we are confident you could create a huge array of fabric paints which are washable at 40°C. We of course can make no promises, and as usual, you will need to do your own tests. The real genius of this binder is that it's water-dilutable, however you will need to ensure that you don't over-dilute it or you will remove all the binding agents [max 1:3 binder: water]. Suitable for spraying, or application by brush - it will hold a very clean line without bleeding into adjacent fibres.



- ✓ Very soft "hand"
- ✓ Machine washable for costumes
- ✓ Virtually bleed-free
- ✓ No extra fixing required



code	Colour	volume	price	5+
PAT12220	Colourless	1L	£49.00	£44.10

#### Granular Size

The most popular traditional glue for sticking canvas to timber flats and also used in the preparation of traditional primers and scenic paints [page 29].

To prepare size as a glue, mix 1 part of size with 1.5 parts of water whilst agitating. Leave to soak for one hour. Then dissolve by warming in a double bucket [water jacket] diluting further to a working consistency. Do not exceed 55°C.

For glue brushes see page 83.



code	weight	per kg
PAT852	1kg	£12.50

#### Flints Emulsion Glaze

Flints Emulsion Glaze is different to most PVA emulsion glazes. You will find it has greater strength and durability and more water resistance.

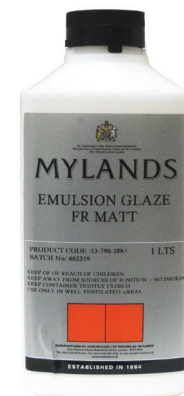
- ✓ Reliably clear even on black
- ✓ Good gloss level from Gloss Glaze
- ✓ Low reflectance from Matt Glaze
- ✓ Apply over artwork to protect from marking
- ✓ Can be wiped down with a damp cloth
- ✓ Amazingly tough scratch resistant finish
- ✓ Excellent water resistance
- ✓ Mix with scenic paints for extra strength or eggshell effects
- ✓ Good flowing characteristics make these glazes easy to brush
- ✓ May be sprayed
- ✓ Fantastic value. Covers 15-20 m<sup>2</sup> per litre.



code	Finish	volume	price
PAT120	Gloss	1L	£15.71
PAT121	Matt	1L	£15.71
PAT130	Gloss	5L	£46.35
PAT131	Matt	5L	£46.35

#### Mylands Emulsion Glazes

Very popular glazes, excellent value. Available in matt or gloss. Always do a test area before using. Try to ensure good drying conditions to avoid any blooming.



code	Finish	volume	price
MYL120	Gloss	1L	£28.97
MYL121	Matt	1L	£28.97
MYL130	Gloss	5L	£76.20
MYL131	Matt	5L	£76.20

## Polyvine Decorators Varnish

A best-selling water-based varnish of exceptional clarity which will protect scenic artists' work both indoors and out\*. The varnish has UV filters to help prevent work from fading and will bond to emulsion, wood, latex, plaster, wallpaper, glass and non ferrous metals. It is not recommended on oil-based paints or on exterior horizontal surfaces. The dead flat finish is exceptionally flat and has minimal effect on the colour of the base coat. All the varnishes can be tinted with Polyvine Colourants [page 65]. Non-toxic. Covers 15 - 20 m<sup>2</sup> per litre \*Must not be used where water will collect such as silos etc. Not suitable for very exposed areas or long-term exterior use.



## USEFUL BITS

### Flints Dispersant

Add pigment powder to a very small quantity of dispersant whilst stirring until a very thick paste is achieved. This thick paste can be diluted slightly with water before mixing with a glaze. Add the paste to the glaze to produce the desired depth of colour. Be careful because the dispersant is a retarder and if you add too much the paint will take a long time to dry.  
 ✓ Very effective – makes mixing smooth paint fast and easy  
 ✓ There is a little video of the dispersant on our YouTube site



code	Finish	500ml (2)	1L (3)	2L (4)	4L (5)
POL201X	Satin	£12.97	£21.50	£38.91	£72.56
POL202X	Gloss	£12.97	£21.50	£38.91	£72.56
POL203X	Dead Flat	£12.97	£21.50	£38.91	£72.57

code	volume	price
PATFPD	50ml	£2.47

## SPECIALIST BINDERS & ADHESION PROMOTERS

### Bristol AquaPlus

This is the binding medium in the metallic intermixing system which enables you to mix Bristol Metallic Palette [page 39] with Bristol Primary Palette [page 22]. It also gives excellent protection and enhanced durability to painted surfaces with solid and metallic colours.



code	volume	price
BRIAP1	1L	£10.73
BRIAP3	2.5L	£24.35
BRIAP6	5L	£46.32

### Polymeric Paint Thickener

Used to thicken PVA or acrylic paints when the existing paint has too much flow. Add the thickener drop by drop whilst stirring vigorously until the desired thickness is achieved. The thickener may be diluted slightly with water to improve the mixing. Do not exceed 3% of thickener to paint.



code	volume	price
PAT0662	250ml	£13.25

### Bristol AquaGrip

This coating when mixed 1:1 with Bristol paints will give excellent adhesion to Plexiglass and other difficult surfaces. Allow 2 days for full cure. See page 61 for Bristol Glazes.



code	volume	price
BRIAG1	1L	£37.76
BRIAG3	2.5L	£85.80

### Floetrol

Maintains paint quality! Mix Floetrol into emulsion paint to:

- ✓ Extend the life of spray guns
- ✓ Improve spray pattern and coverage
- ✓ Minimize holidays when rolling or brushing
- ✓ Reduce spray pressure by 20%
- ✓ Reduce roller pressure and avoid paint build up giving a spray-like finish
- ✓ Reduce tip clogging and piston freeze up when spraying

Mix 1 L of Floetrol to 10 L of emulsion.



code	volume	price
PAT073	1L	£21.87
PAT074	2.5L	£47.91

