

GLAZES AND VARNISHES

This page was updated 26/01/12

The glazes that we stock are reliable well tested products and should give perfect results, nevertheless problems can occur. We would recommend testing a sample area first. Here are some tips to help you achieve the perfect finish.

To avoid blooming and white patches

- ✓ 95% of blooming problems relate to inadequate drying conditions so try to apply glazes in the morning and always ensure the premises are adequately heated. Remember that cold air falls so if you are painting on a floor you really need to be careful.
- ✗ Always avoid applying in the evening in the winter when the high relative humidity combined with cold temperature will cause blooming.
- ✓ If applying over emulsion paint, allow the base coats to dry thoroughly. Moisture will be migrating out of emulsion paint for at least 24hrs.
- ✓ If blooming has occurred try applying a gentle fan heater to an area and you may find it will gradually clear.

To avoid a patchy finish

- ✓ Matting agents will settle to the bottom of the pot. Make sure that you stir matt and satin glazes thoroughly or you will get a patchy surface. Occasionally the matting agents will cause a slight bloom on black or dark surfaces. Do a test area first. If a bloom occurs mix in some of the paint with the glaze and continue.

To avoid roller marks and poor bonding

- ✓ Always ensure correct coverage. If the glaze says it will cover 9 square metres per litre then actually mark out an area 3m x 3m, pour some glaze into the roller tray and let the roller absorb it, then pour out exactly 1 litre of glaze and use it up over the marked area. It will probably be easy to spread it much further but don't do this! If the glaze goes on too thinly it will get absorbed into the substrate too quickly leaving inadequate bonding and showing tell tale roller marks. When applied at the correct thickness the roller marks will fall out and both the bond and durability will be improved.
- ✓ If applying a glaze to a difficult surface add a recommended adhesion promoter or seek further advice. Allow enough time for adequate testing.

To avoid lap marks and brush marks

- ✗ Avoid glazing in direct sunshine, or a drying wind. Lap marks and brush marks are normally caused by too rapid drying. For top quality work it is essential to maintain a "wet edge". If you can't avoid working in conditions liable to cause rapid drying then choose a tropical scumble glaze [see page 1.32] or add a conditioner/retarder such as Floetrol [see page 1.19] for waterbased glazes, Bona retarder for Mega etc. or Owatrol for oil based varnishes [see page 1.19]. The addition of retarders can make dramatic improvements.
- ✓ Work fast with adequately loaded good quality brushes or rollers. Plan ahead so that you don't have to stop to move ladders etc. When working on large areas try to stop on a natural line to disguise the inevitable lap mark when you restart.
- ✓ Arrange good lighting preferably at a low angle so any discrepancies can be seen as you are working.

To avoid white patches

- ✗ Don't leave glazes to dry overnight on flameproofed boards. The flameproofing chemicals are hygroscopic and will absorb moisture. These chemicals, given time, will migrate to the surface of the board and show as a white powdery patch which is very hard to get rid of.

To avoid wrinkles and fish eyes

- ✗ Fish eyes are caused when applying a glaze to a surface contaminated with wax, silicones or grease. Stop and clean the surface with an appropriate cleaner or de-greaser.
- ✗ Wrinkles are caused by puddling of the glaze normally on a flat surface. Avoid applying too heavily especially on floors.

Bona

Bona produce some of the finest water based lacquers available. The manufacturing facilities in Sweden and Germany are certified under the ISO 14001 environmental management system. The company's R and D programme currently concentrates on the development of waterbourne finishes which are safer to use and produce minimal impact on the environment. Flints sell over 5000 litres of these glazes every year. A selection of our staff attend the Bona training courses so that you can be assured of reliable advice. Bona glazes are widely used in demanding applications such as West End musicals, art galleries and museums. You'll be in good company choosing Bona.

BONA WATER BASED LACQUERS AND PRIMERS



Bona Traffic Designed for commercial premises and for other areas of very heavy wear. Traffic provides a matt surface of virtually invisible protection. It meets the stringent Austrian ONORM C2354 (c) for wear resistance and DIN 18 032 for slip resistance. Highly elastic, will not crack under stiletto heels. Scratch resistant, non-yellowing, 100% polyurethane waterbourne, quick drying, low odour and no fire risk. Traffic must be mixed with the hardener by shaking it vigorously for 30 seconds. Coverage 8-10 square metres per litre.

Tradeline deals can be mixed matt and silk matt.

Traffic	hardener	code	price	Tradeline per 3x5L
Matt 4.95L with	.45L	PAT3096	£99.35	£261.87
Silk Matt 4.95L with	.45L	PAT30961	£99.35	£261.87



Bona Mega A new generation water based 100% polyurethane finish in a one component system. In a test 400,000 people walked over a panel finished with Mega. Out of ten panels tested Mega proved best in terms of wear-through, scuff, scratch, chemical resistance and visual appearance. On very pale floors Mega will draw out the colours in the same way as a solvent based varnish. Our

Our biggest selling floor glaze!

tests showed only very slight discolouration on white or pastel painted floors but users should carry out their own tests before working on very pale floors. If applying to previously coated or prefinished floors the addition of Bona Crosslinker (2%) will increase the adhesion. "Sensational!" says Gordon Aldred, Scenic Artist and Designer. Coverage 9 square metres per litre. Tradeline deals can be mixed gloss, silk matt, matt and extra matt.

Mega	code	5L	Tradeline per 3x5L
Mega Gloss (sheen about 90%)	PAT3092	£63.55	£168.15
Mega Silk Matt (sheen about 45-50%)	PAT3093	£63.55	£168.15
Mega Extra Matt (sheen about 8%)	PAT3095	£63.55	£168.15

Tip: If you are getting roller marks, check you are not rolling the product out too thinly. It really is best at 9m² per litre! If conditions are causing too rapid drying then add 4% retarder [page 1.30] to allow roller marks to fall out.

new



Fast one day completion - just 5% sheen!

Bona Naturale Ultra matt finish with a reflectance of just 5%. Use the simple two coat system to enable jobs to be completed in just a day! No need for primers. Designed for residential and light duty use with easy application. Although the product is relatively expensive, just needing two coats can represent a reduction in labour costs by a third. Coverage 7 - 10 square metres per litre. For heavy duty applications use the two part system which requires a base coat and two or three top coats of the two part version.

Naturale	code	4.5L
Ultra Matt Naturale	PAT3110	£92.20
Naturale Base Coat [for two part]	PAT3111	£61.77
Ultra Matt Naturale [two part]	PAT3112	£104.29



new



Bona Novia This new product replaces Resident [which used to be called Spectra!] Bona Novia is a one-component waterborne finish for wooden floors in domestic and other areas subject to normal - heavy wear. Bona Novia works well applied directly to wood and brings out a warm colouration to many timbers. ✓ Easy to use, no primer needed. ✓ Self-crosslinking, acts as a 2-component product but without requiring any mixing. ✓ Good resistance to wear, chemicals and scuff marks. ✓ Non-yellowing and quick drying. Technical Data: Resistance to wear: Approx. 8 mg/100 revolutions (SIS 923509) Coverage 8-10m² per L.

Bona Novia	code	1L	5L	Tradeline per 3x5L
Gloss	PATBNGX	£13.27	£57.91	£145.95
Silk Matt	PATBNSX	£13.27	£57.91	£145.95
Matt	PATBNMX	£13.27	£57.91	£145.95

[1] [5]



Prime Using a small fraction of the solvents used in conventional primers and with hardly any smell this colour enhancing primer is one of the most environmentally sound sealers available. Prime acts as a bondbreaker which prevents timber boards being bonded together by the Mega. It allows the individual boards to move and should help avoid timbers splitting along the grain. Coverage 8 square metres per litre.

Prime	code	5L
	PAT3094	£48.61

BONA ACCESSORIES



Bona Crosslinker An additive designed for use with Mega or Spectra. When used with Mega it acts as an adhesion promoter when overcoating previously coated floors. Use in 1st coat only. It can be added to Resident to increase its resistance to scuff and spills. Add to every coat. Crosslinker is first diluted with water then added at 2%. [whole pot once diluted treats 5L].

Bona Crosslinker	code	100ml
	PAT309L	£7.90

Kills brush and roller marks!



Bona Retarder An additive to prolong the open time of Bona lacquers and Prime. Useful to stop roller marks in high temperatures with low humidity. Add 4% [whole pot to treat 5L].

Retarder	code	200ml
	PAT309R	£3.98

Sheen Levels of Bona Lacquers

Bona Product	Reflective Value
Traffic Matt	15%
Traffic Silk Matt	50%
Mega Extra Matt	8%
Mega Silk Matt	50%
Mega Gloss	90%
Novia Matt	25%
Novia Silk Matt	45%
Novia Gloss	85%
Naturale	5%



Bona Polish This is a water based slip resistant floor dressing for use on a wide variety of floors including Vinyl, rubber, marble as well as wooden floors treated with Bona products [not suitable on Melamine]. Conforms to DIN 18 032 for slip resistance. Coverage 80 m² per litre. This polish used to be called Parkett Polish.

Polish	code	1L	5L
	PAT304X	£7.77	£35.66

CARVER FLOOR LACQUERS

Carver have specialized in products for wood floors since 1957. Over half a century of experience goes into each of their products which are appreciated by professionals across Europe. Here are just two products from Carver's range of floor glazes.



Carver Aquahit A single component acrylic finish particularly suitable for pale coloured floors. Designed for ease of application. Aquahit does not deepen the natural colour of the wood, provides excellent coverage and good abrasion resistance. Sheens: satin 35%, matt 20%. Abrasion resistance Tabler test 35mg Abrasion, scuff and stain resistance can be further increased by adding 2-4% [100ml is 2% of 5L] of the crosslinker to the final coat. Coverage 10-12 m² per litre.

Aquahit	code	5L
Matt [sheen 20%]	PAT310M	£47.48
Satin [sheen 35%]	PAT310S	£47.48

Crosslinker	code	200ml
Single component crosslinker	DISCONTINUED	



Carver Meta [used to be Carver Omega] A two component aliphatic urethane finish with excellent abrasion resistance. Designed for ease of application and commercial level wear and scuff resistance. Meta does not alter the natural colour of the wood and can also be applied to cork. Sheen satin 35%, matt 15%. Abrasion resistance Tabler test 15mg Coverage 10-12 square metres per litre.

Carver Meta plus hardener	code	5L
Matt [sheen 15%]	PAT311M	£71.92
Satin [sheen 35%]	PAT311S	£71.92



This page was updated 06/10/11

new

Dead Flat for Floors!



Polyvine Floor Varnish Dead Flat This could well be what we have all been waiting for! A new water based hard wearing glaze with a dead flat finish. Dries in minutes, cures in hours. For extra strength for heavy duty applications apply it as a top coat over the Heavy Duty Floor Varnish listed below. Coverage 10/20 sq metres per litre.

Polyvine Floor Varnish Dead Flat	code	1L	4L
	POL204X	£16.67	£56.36
		[1]	[4]

new



Polyvine Heavy Duty Floor Varnish A completely clear varnish with a highly durable satin finish that gives full use of your floor in hours and is the hardest of the 'one pack' varnishes. Faster drying and curing than alternative coatings with a unique ability to resist marking from foot traffic. For a dead flat finish apply a top coat of Polyvines Floor Varnish Dead Flat. Coverage 10/20 sq metres per litre.

Polyvine Heavy Duty Floor Varnish	code	1L	4L
	POL205X	£20.65	£68.42
		[1]	[4]

See also Polyvine Non Slip varnish on page 1.16.



Superb dead flat finish!



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 is exceptionally flat and has minimal effect on the colour of the base coat. All the varnishes can be tinted with Polyvine Colourisers [see page 1.32]. Non Toxic. Coverage 15-20 m² per litre. *Must not be used where water will collect such as sills etc. Not suitable for very exposed areas or long term exterior use.

Polyvine Acrylic Varnish	code	500ml	1L	2L	4L
Dead Flat	POL203X	£8.81	£14.60	£26.42	£49.27
Satin	POL201X	£8.05	£13.49	£24.22	£44.59
Gloss	POL202X	£8.05	£13.49	N/A	£44.59
		[2]	[3]	[4]	[5]

new



Polyvine Exterior Wood Varnish A water based exterior grade varnish with powerful UV filters to protect your timber. Quick drying clear durable coating. Available in satin only. Coverage 15-20 sq metres per litre.

Exterior Varnish	code	1L	4L
	POL210X	£15.41	£55.31
		[1]	[4]

POLYVINE SPECIALITY FINISHES



Wax Finish Varnish A unique brushable coating which offers a new concept in decorative finishing, combining the silky feel and appearance of traditional beeswax with the heat and water resistance of a varnish. Coverage: 15-20 m² per litre.

Varnishing Wax	code	500ml	1L	4L
Clear	POL338X	£9.07	£14.62	£49.95
Antique Pine	POL339X	£9.07	£14.62	£49.95
Golden Pine	POL340X	£9.07	£14.62	£49.95
White	POL341X	£9.07	£14.62	-----
		[0]	[1]	[2]

new size

Adheres like crazy!



Glass Frosting Varnish An acrylic medium developed to reproduce the unique visual effect of etched glass. Stencils and masking tape can be used to transform plain glass panels into classic designs. This product adheres fantastically to difficult surfaces such as projection screens, Perspex etc and can also be used as a primer either neat or tinted with colour. Coverage: 15m² per litre.

Glass Frosting Varnish	code	500ml	4L
	POL3360X	£8.25	£42.76
		[-]	[4]



Finishing Pearl An acrylic pearl finish which can
THIS PRODUCT NOW COMES UNDER THE POLYVINE METALLICS RANGE. SEE PAGE 1.21



Craquelure A two-part water-based acrylic system which faithfully reproduces the regular crazed pattern of old porcelain glaze. The cracks can be accentuated by using the highlighter. Coverage: 15m² per litre.

Craquelure	code	50g	500ml	1L
Basecoat	POL304X		£9.28	£21.64
Topcoat	POL305X		£9.28	£21.64
Dark highlighter	POL3060D	DISCONTINUED		
White highlighter	POL3060W	DISCONTINUED		
			[1]	[3]



Crackle Glaze A non-yellowing acrylic medium which produces consistent cracking of emulsion paint to create two-colour ageing and dramatic effects. Apply a base coat of emulsion paint [the colour of the cracks] and allow to dry. Then apply a smooth coat of Crackle Glaze brushing in one direction only. Allow to dry. Then apply the top coat of emulsion paint [thinned 10%] brushing at right angles to the glaze using a loaded brush in one pass only. Cracks will appear in the top coat revealing the base colour, the thicker the top coat, the larger the cracks. Coverage 15m² per litre.

Crackle Glaze	code	500ml	1L	4L
	POL302X	£9.75	£18.94	£66.00
			[2]	[3]

SCUMBLES



Acrylic Scumble A clear water-based, non-yellowing, transparent glaze which produces a translucent, waxy finish and can be applied over acrylic eggshell paints and vinyl silk emulsion. Acrylic Scumble can be tinted using the colourisers below. Coverage: 15m² per litre. If working in high temperatures with low humidity or if an extended open time is needed in order to maintain a 'wet edge' to scumble large walls then choose tropical scumble which will allow for increased working time. [see also Spalter Varnish brushes p 1.46].

	code	500ml	1L	2L	4L
Acrylic Scumble	POL101X	£8.10	£13.86	£24.39	£43.14
Tropical Scumble	POL101TX	£8.86	£14.75	£52.23
		[2]	[3]	[4]	[5]

Colourisers Concentrated colour-fast, non-toxic pigments for colouring or tinting scumbles, varnishes, lacquer etc.

Colourisers 50g £1.85

Black	POL1150	White	POL1140	Yellow	POL1120
Lemon	POL1310	Yellow Oxide	POL1230	Crimson	POL1300
Red	POL1100	Red Oxide	POL1220	Magenta	POL1340
Violet	POL1320	Blue	POL1110	Ultramarine	POL1160
Prussian Blue	POL1170	Emerald	POL1330	Green	POL1130
Burnt Umber	POL1200	Burnt Sienna	POL1180	Raw Sienna	POL1190
Raw Umber	POL1210				

Woodgrains 50g £3.00

Antique Pine	POL1440	Dark Oak	POL1430
Mahogany	POL1400	Medium Oak	POL1420
Teak	POL1410	Walnut	POL1450

AQUALAC ACRYLIC FLOOR LACQUER



Aqualac Acrylic Floor Lacquer An economical non toxic water based lacquer that is durable, scuff resistant and causes no discolouration. Coverage 8 - 10m² per litre.

Not to be confused with Bristol Aqualak [spelt with a K]

Aqualac Acrylic Lacquer	code	5L
Matt	AQU1035	£34.15
Semi Matt	AQU1015	£34.15
Gloss	AQU1025	£34.15

MATTING AGENT

Matting Agent A water based matting agent which can be used to decrease the sheen on acrylic paints and glazes. The maximum recommended mix is 25% matting agent to 75% glaze but clients have achieved good results with higher mix ratios. Matting agents will slightly weaken glazes so they should not be used in areas of high wear.

Matting Agent	code	1L
	PAT05XX	£10.46

WHILST STOCKS LAST

] [09]

A Blooming Nuisance With all makes of glaze the most prevalent problem is 'blooming'. This is nearly always caused by poor drying conditions especially when the glaze is applied late in the day and left to dry in a cold workshop overnight. The situation is worsened if the base paint has not thoroughly dried and moisture is trying to migrate out through the glaze. In many cases the bloom will gradually disappear. A gentle heat from a hair drier will normally indicate whether the glaze will recover or if the area needs re-painting. Don't forget to stir the matt glazes because the matting agents tend to settle to the bottom.

BRISTOL GLAZES

Bristol produce a range of waterbased glazes and coatings primarily designed for use in the film, theatre and exhibition industries. Some of the products below relate to the Bristol range of paints which is featured on pages 1.06 - 1.07 of this catalogue.

780 Coating A clear high gloss protective coating which offers excellent protection against the effects of weather and frequent handling. The gloss level can be reduced by diluting with water. A new matt version is now available but it is slightly less durable than the original gloss and is not recommended for outdoors use.

	code	1L	2.5L	5L	10L
780 Coating	BRIx780	£18.04	£39.82	£68.51	£130.17
780 Coating Matt	BRIx780M	£18.04	£39.82	£68.51	£130.17
		[1]	[3]	[6]	[2]

Bristol Aqualak Superb water based lacquer which can either overcoat Bristol Paints [see page 1.06] or can be mixed with them. When mixed with the paint it increases the durability, flexibility and the bonding power making it suitable for painting furniture and difficult surfaces such as plastics. Many vinyl dance floors can be successfully painted with a 1 to 1 mix of Aqualak and paint [always try a test sample first] but it is important to remember that dancers require specific slip characteristics on their floors and painting them with any paint could affect this.

For this reason we recommend it for painting dance floors used in the theatre rather than dance environments.

Aqualak	code	1L	code	2.5L
Matt	BRIAQ002	£27.91	BRIAQ001	£63.05
Silk	BRIAQ004	£27.91	BRIAQ003	£63.05
Gloss	BRIAQ006	£27.91	BRIAQ005	£63.05

Aquafast As Aqualak but a faster cure time of just 16 hours.

Aquafast	code	1L	code	2.5L
Silk	BRIAF1	£27.91	BRIAF3	£66.20

Aqua Plus is the binding medium in the metallic intermixing system which enables you to mix Bristol metallics with solid colours. It also gives excellent protection and enhanced durability to painted surfaces with solid and metallic colours.

Aqua Plus	code	1L	2.5L	5L	10L
	BRIAPx	£8.30	£18.82	£35.83	£66.91
		[1]	[3]	[6]	[2]

Aqua Grip is a coating which when mixed 1:1 with Bristol paints will give excellent adhesion to Plexiglass. Allow 2 days for full cure.

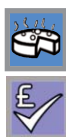
Aqua Grip	code	1L	2.5L
	BRIAGx	£29.20	£66.37
		[1]	[3]

new

Toplak Toplak is ostensibly a non yellowing water based lacquer, it is quick drying and extremely tough. Although it is similar in make up to Aqualak it isn't a replacement as it doesn't have the same intermixing compatibility with Bristol scenic paints. So Aqualak should still be used in conjunction with paint for painting studio flooring.

Toplak	code	1L	2.5L
Matt	BRITLx	£27.91	£63.05
Gloss	BRITLGx	£27.91	£63.05
		[1]	[3]

MYLANDS GLAZES



Mylands Fire Retardant Glazes BS 476 Part 6 & 7 Class 0 and 1 Popular glazes due to their reliable results and excellent value. Available in matt or gloss. Always do a test area before using. Try to ensure good drying conditions to avoid any blooming. The list price is £31.37 but Flints sell as low as £25.50 per 5L.

Glazes	code	1L	code	5L	Tradeline per 5x5L
Gloss	MYL120	£16.37	MYL130	£32.63	£29.37 each
Matt	MYL121	£16.37	MYL131	£32.63	£29.37 each

ROSCO GLAZES



Rosco Premiere Clear is an advanced water-bourne polyurethane coating suitable for sealing and protecting painted finishes, scenery and floors even in high traffic areas. When cured, this clear finish provides long lasting durability, hardness

and abrasion resistance with an environmentally safe product. Premiere Clear is virtually odourless and may be tinted with water based products. In addition to acting as a protective top coat, Premiere Clear is excellent in faux finishes and tinted glaze applications. Perfect for almost any project in stage, film, and commercial areas such as arenas and museums. Coverage approximately 11 square metres per litre.

- ✓ Crystal clear finish. ✓ The matt is very flat.
- ✓ Durable enough for use on heavy traffic floors.
- ✓ Good adherence- even to dance floor.
- ✓ Brush marks fall out leaving an excellent finish.

Rosco Premiere Clear	code	946ml	3.79L
Gloss	ROSPCGX	£16.35	£51.25
Matt	ROSPCFX	£16.35	£51.25
Satin	ROSPCSX	£16.35	£51.25

[1] [2]



Rosco Clear Acrylic Glazes

Designed to be diluted 1:1 with water and applied as a surface coat but it can also be mixed into Rosco paints to increase the binder strength and give a silk

sheen. These glazes have proved themselves to be reliably clear with no tendency to bloom [when used according to instructions- see also tips and advice on page 1.29]. For the full range of Rosco Products see page 1.02.

Clear Acrylic Glazes	code	3.79L	Tradeline per 5x3.79L
Gloss	ROS55801	£29.10	£26.19 each
Flat	ROS55811	£29.10	£26.19 each

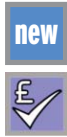
Rosco Clear Colorcoat A heavy duty modified acrylic glaze suitable for interior and exterior areas of high traffic or handling. Not suitable on soft or flexible substrates. See page 1.04 for details of paints in this range.

Clear Colorcoat	code	946ml	3.79L
Satin	ROSX5620	£13.00	£43.85
Gloss	ROSX5621	£13.00	£43.85

[2] [3]

See also Rosco Crystalgel on page 1.38

FLINTS EMULSION GLAZES



Flints Emulsion Glazes

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

- ✓ Reliably clear even on black.
- ✓ Good gloss level on the Gloss

Glaze and low reflectance from the 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 in with water based paints to achieve extra strength or eggshell effects. ✓ Good flowing characteristics make these glazes easy to brush ✓ May be sprayed. ✓ Fantastic value. Coverage 15-20 m² per litre.

When used with powder pigments to make up a paint the result will be a very tough coating difficult to scratch with a coin. Some powders are harder to mix than others. Fluorescent powders seem to be the hardest. Always add water to the powder to make up a thick smooth paste. Use as little water as possible or it will affect the viscosity of the paint and its ability to hold the pigment in suspension. Never try mixing powders directly with the glaze. If you are finding the powders hard to mix into the water due to the surface tension then add a drop of meths or washing up liquid but if that doesn't work use our new dispersant (see below) which should solve the problem.

Emulsion Glazes	code	1L	code	5L
Gloss	PAT120	£7.50	PAT130	£24.20
Matt	PAT121	£7.50	PAT131	£24.20



Dispersant Add the pigment powder to a very small quantity of the dispersant while stirring, until a very thick paste is achieved. This thick paste can be diluted slightly with water before mixing with the glaze. Add the paste to the glaze to produce the desired depth of colour. Be careful though 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 & easy.
- ✓ There is a little video of the dispersant on our Youtube site.

Dispersant	code	50ml
	PATFPD	£0.95

CRACKLE GLAZES



Mylands Crackle Glaze

This glaze is used for the effective reproduction of old cracked layers of paint. Apply a base coat of emulsion paint and allow to dry. Then apply the crackle glaze. When the glaze is tacky but NOT dry apply, in one stroke, the top colour. The cracks will appear as the

glaze dries. Covers 8-10 square metres per litre. See also Polyvine Crackle Glaze p1.31.

Mylands Crackle Glaze	code 1L	price	code 5L	price
	MYL3021	£21.58	MYL3025	£80.83

POLYVINE DEAD FLAT OIL BASED VARNISH



Dead flat oil based finish

Polyvine Extra Pale Dead Flat Varnish This oil based varnish provides a very matt finish. a unique oil based varnish made with selected resins and oils to achieve an extremely pale colour. Thinner: White Spirit.

- non reflective • easy to apply
- highly heat and water resistant

Coverage approximately 15 square metres per litre.

Dead Flat Varnish	code	price
1L	POLVOEPF1000	£14.00
2.5l	POLVOEPF2500	£34.00

OIL BASED POLYURETHANE VARNISHES

new



Coo-Var Polyurethane Varnish A single pack product of exceptional durability. Based on urethane alkyd. Ideal for doors, worktops etc. Apply by brush or spray. Surface dry in 2 hours. Through dry in 12 hours. Coverage approx. 14m² per L. Thinners: White Spirit.

1.33a



Coo-Var	code	1L	5L
Gloss	PATCVGx	£8.21	£33.84
Eggshell	PATCVEx	£11.04	£42.70
Matt	PATCVMx	£11.04	£42.70
		[1]	[5]

YACHT VARNISHES

Flints don't stock varnishes that are simply called 'yacht varnishes' these are the real thing used by classic yacht owners around the world and generally regarded as giving the ultimate marine gloss finish.

The Perfect Classic Yacht Finish

Obtaining a mirror finish requires some practice but the following notes may be of help. Sand the timber finishing along the grain with a 120 grit. Remove the dust with a vacuum cleaner. If an air blow gun is available, [ideally with a water separator] use it to blow the final dust from the grain and then clean the surface using Isopropyl alcohol not white spirit. On oily timbers [teak, iroko etc] it may be necessary to remove the oils by wiping the timber with acetone, frequently changing the rags. Just before applying the varnish always wipe the surface with a tack rag [p.151] to remove final traces of dust. Allow the alcohol to dry out completely before applying the first coat of varnish which should be diluted 50% with the recommended thinner or Owatrol conditioner [p1.19]. Avoid putting brushes directly into the varnish can, always decant into a varnish kettle to avoid contamination. Allow 24hrs to dry. Sand back gently by hand with 180 grit, clean with isopropyl and tack rags. Apply the second coat thinned 25%. As you apply more coats thin the varnish less and sand between with finer grade paper. The number of coats required depends on the application. Three or four coats would be enough for indoors work and 15-20 coats would be needed to survive tropical sun. Prior to the last coat you should sand by hand using 360-400 grit, used wet or dry, until the varnish is completely matt and smooth to touch. Clean thoroughly before using the tack rag immediately prior to applying the varnish. Choose a warm still morning. If you have found that you are getting brush marks add 10% Owatrol to the varnish to increase the wet edge time and stir well but slowly so there are no air bubbles. Ensure you can gain access to the entire area to be varnished and that there is good light but avoid direct sunlight and wind. Apply the varnish quickly without stopping, finishing with the brush held at 45° to the stroke. Keep the wet edge flowing until the entire area is finished. If you are having difficulty maintaining a wet edge add more Owatrol. Use as big a brush as you feel you can handle. A 3" Pro-Extra Monarch or Hamilton Perfection are good for large areas, the Lily varnish brush is good for the fiddly bits. Brushes get better as they get old so look after them! Many people prefer to apply the varnish with a Jenny roller while a second person lays off with a wide Jenny foam brush. The Jenny Brush method is widely used by the most prestigious boat yards. A perfect finish is impossible but follow these tips and you should get pretty close.



The Ultimate Gloss!

Epifanes Clear Gloss Varnish The highest quality marine varnish. This varnish is made with a long base of 100% tung oil combined with non yellowing urethane and alkyd resins blended with a perfected blend of UV filters. World famous for its high gloss retention, long lasting properties, unique flowing characteristics and high build capacity. Regarded by

many as the finest of all yacht varnishes. Try to not buy too big a can as the air gap will thicken the varnish. It is better to buy two small cans. Coverage approximately 14 square metres per litre. [See Owatrol 1.19].

Epifanes Varnish	code	250ml	500ml	1L	5L
Clear Gloss	PAT39X	£8.45	£13.65	£23.75	£109.65
		[0]	[1]	[2]	[3]

This page was updated 13/01/12



Epifanes Rubbed Effect Interior Varnish This varnish is designed for yacht interiors and provides a rich satin lustre. It should be applied over build up coats of Epifanes gloss varnish. Coverage approximately 12 square metres per litre.

Epifanes Rubbed Effect Varnish	code	500ml	1L
	PAT39X	£15.45	£26.15
		[4]	[5]



Epifanes Rapidclear Superior quality clear semi-gloss wood finish based on modified alkyd/urethane resins and UV filters. Bonds well to teak and other oily woods. Unlike conventional varnish Rapidclear can be applied every 5-6 hours. Three to four coats are sufficient under most conditions. Sanding is not required between coats but if finishing with a high gloss conventional varnish then sand with 220 grit. 750ml will cover 10 sq m.

Epifanes Rapidclear Varnish	code	750ml
	PATRCG	£14.20



Epifanes Woodfinish Gloss Formulated for teak and oily timbers to give excellent adhesion even in tropical climates. There is no need to sand between coats yet the result is a clear hard, high gloss finish. Coverage approximately 12m² per litre.

Epifanes Woodfinish Gloss	code	500ml	1L
	PAT397(x)	£17.95	£28.80
		[5]	

Epifanes Thinners Thinners for Epifanes varnishes.

Epifanes Thinners	size	code	price
Brush thinner	500ml	PATE24	£8.90
Brush thinner	1L	PATE14	£11.70
Spray thinner	1L	PATE15	£12.00



flintsmarine.co.uk
FLINTS MARINE

For a full range of Epifanes Yacht Enamels and Coelan visit our marine website www.flintsmarine.co.uk

DEKS OLJE



Deks Olje (D1 and D2) A Norwegian saturation oil for treating wood inside or out. Pronounced "Decks Olya". The finish is applied wet on wet until the timber is saturated. It goes into the timber rather than sitting on the surface. Leaves a silken oiled look. Can be overcoated with D2 to provide a gloss finish. Coverage for D1 is approximately 1 to 1.5 litres per square metre. Coverage for D2 [onto D1] is approximately 15 square metres per litre.

Deks Olje	code	per litre
Deks Olje D1	PAT078	£22.29
Deks Olje D2	PAT079	£25.97

OWATROL



If you haven't tried Owatrol then you are missing out on a life changing experience. For the immaculate finish visit page 1.19.

SHELLAC & POLISHES

This page was updated 01/02/12

Shellac

Shellac is made from stik-lac which is deposited on branches of trees in India by sap feeding insects. It makes a good isolating sealer because it forms a very thin highly effective moisture barrier [two coats of shellac will reduce moisture absorption by 31%] without filling any grain, thus allowing subsequent paint or adhesive coats to grip the original substrate. Most widely used to isolate hygroscopic fireproofing chemicals before applying glue or paint. It can also be used as a floor polish and a fabric stiffener. Shellac dries in minutes.

Sanding Sealer A shellac based sealer especially formulated to seal boards prior to waxing, painting or glazing. Dilute and clean up with meths.

Sanding Sealer	code	5L	Tradeline per 5x5L
	PAT227SS	£36.00	£30.20 each



Transparent Polish A clear shellac polish often used as a sealer. Add bronze powders [see page 1.21] to form an economical metallic paint. Dilute and clean up with meths.

Transparent Polish	code	1L	5L	Tradeline per 5x5L
	PAT227X	£16.18	£36.90	£33.20 each
		[1]	[-]	

Special Pale Polish This quality shellac polish is made from the finest dewaxed bleached shellac and is most suitable for finishing fine work such as inlay and marquetry. Slightly thicker than transparent polish it is also popular as a sealer and as a medium for bronze powders. Dilute and clean up with meths.

Special Pale Polish	code	5L	Tradeline per 5x5L
	PAT221	£39.66	£34.99 each

White Knotting Often used to seal fireproofing on plywood prior to glueing or painting. The white is caused by the natural shellac wax giving its traditional creamy colour. Not suitable on dark coloured woods. A popular economical sealer. Dilute and clean up with meths.

White Knotting	code	5L	Tradeline per 5x5L
	PAT223	£35.26	£31.38 each

Black Polish A shellac based polish which can be used to stain and glaze timber in one process whilst still allowing the texture of the grain to show through. Can also be used over black emulsion paint to produce a deep black gloss finish without any danger of milkyness that can occur when using waterbased glazes. Rapid drying. Dilute and clean up with meths.

Black Polish	code	5L	Tradeline per 5x5L
	PAT226	£39.85	



Button Polish Our best selling polish by far! This product is handmade from the villages around Calcutta and is less refined than machine made products, however this gives added strength. Its golden colour will help the appearance of certain woods such as walnut. It is often used to seal stains and prevent migration of fireproofing chemicals. Dilute and clean up with meths.

Button Polish	code	1L	5L	Tradeline per 5x5L
	PAT225X	£9.56	£33.70	£29.00 each
		[1]	[-]	

WAX POLISHES



Renaissance Wax Specified throughout the world by museums, art galleries, and restorers. Also now widely used by interior designers as a wax wall finish. It will gently lift the grime of antiquity and old murky polishes leaving a translucent finish without obscuring surface detail and allowing the wood or substrate to catch the light and glow. It will protect furniture from spillages including wine and will even enhance weather resistance of metal, marble and wood used outside. Will also preserve the lustre on gilding and protects coin collections, photographs, armour, weapons and sculptures both inside and outside. Highly recommended.

Renaissance Wax	code	200ml	code	3L
	PAT244	£9.77	PAT246	£45.00



Briwax Original Wax Polish The natural woodfinishing treatment for all types of wood, in the home and in the workshop for all wood craftsmen. Available in clear, which maintains the natural colour of the wood.

Briwax Toluene Free	code	400g
	BOLBW06	£9.35

SOLVENTS, THINNERS AND STRIPPERS

Many of these products contain high levels of VOCs which are known to be hazardous to health and the environment. Flints have included some more environmentally friendly products listed on page 1.36.



White Spirits Used to clean brushes and rollers and to thin conventional oil based paints.

White Spirits	code	2L	10x2L
	PAT501	£3.07	£27.00



Methylated Spirits Used to dilute shellac based products and clean up brushes. Also widely used to remove grease from steel prior to painting. See also Eco Degreaser on page 1.36.

Meths	codes	2L	5L
	PAT500/502	£8.23	£12.50



Isopropyl Alcohol Ideal for wiping down prior to painting or varnishing. White spirits is slow to evaporate whereas Isopropyl evaporates quickly lessening the chances of solvent entrapment. IPA is a useful azeotrope.

Isopropyl Alcohol [IPA]	code	price
5 litre	PAT536	£21.55
Aerosol 400ml	PAT538	£6.01

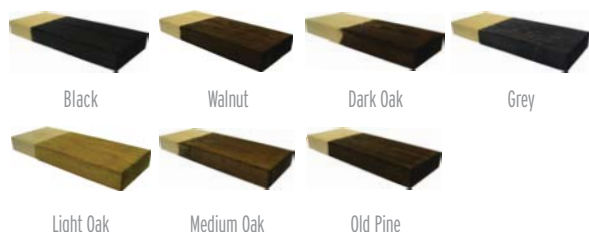


Cellulose Thinners For use with cellulose based paint systems.

Cellulose Thinners	code	price
5 litre	PAT503	£18.83

WATER BASED WOOD STAINS

new **Wood Stains** Water based stains for hard and soft woods, formulated to reduce the grain raising effect normally associated with water stains.



Water Based Stains	code	1L	5L
Black	PATN011X	£8.69	£25.80
Dark Oak	PATN007X	£8.69	£25.80
Grey	PATN018X	£8.69	£25.80
Light Oak	PATN005X	£8.69	£25.80
Medium Oak	PATN006X	£8.69	£25.80
Old Pine	PATN022X	£8.69	£25.80
Walnut	PATN008X	£8.69	£25.80
		[1]	[5]

OIL BASED WOOD STAINS



Rustins Wood Dyes An economical penetrating stain which will not raise the grain. Spirit based.

We can supply other sizes and makes of stain to order

Rustins Wood Dyes	code	250ml	1L
Light Oak	Light Oak PAT3571X	£4.09	£11.00
Medium Oak	Medium Oak PAT3572X	£4.09	£11.00
Dark Oak	Dark oak PAT3573X	£4.09	£11.00
Pine	Pine PAT3574X	£4.09	£11.00
Walnut	Walnut PAT3575X	£4.09	£11.00
Antique Pine	Antique Pine PAT3576X	£4.09	£11.00
Red Mahogany	Red Mahogany PAT3577X	£4.09	£11.00
		[-]	[1]

OTHER SOLVENTS AND OILS

Genuine Turpentine Made from the distillation of sap from pine trees. The volatile distillate is known as "spirits of turpentine" and the resin is known as "rosin" [see page 1.16]. Its rate of evaporation is ideal for most oil based paints and varnishes. **Boiled Linseed Oil** Made from pressed ripe flax seeds. Boiled linseed is generally superior to raw linseed for most uses and it dries much more quickly. **Raw Linseed Oil** Slow drying but slightly more durable under extreme conditions when used in industrial paints. **Acetone** A volatile thinner often used for aggressive cleaning. Useful to remove oily residues from teak etc prior to varnishing. Highly inflammable. **Etch Primer Thinner** A highly inflammable etch thinner. **Spray Gun Cleaner** A highly inflammable cleaner for guns using cellulose paints. **Xylene** Sometimes used to draw blooming patches from glazed floors. Before embarking on this method try a gentle fan heater blowing warmed air over the patch. Highly inflammable.

Rustins Terebine Driers A special blend of chemicals to speed the drying of oil and alkyd based paints and varnishes. Particularly recommended for adding to old paint and varnish that has been kept for a long time, and has become slow drying. To retard drying times see Owatrol on page 1.19

Solvents Thinners Oils	code	250ml	5L
Genuine Turpentine	PAT230		£30.80
Boiled Linseed Oil	PAT229		£32.89
Acetone	PAT510		£19.61
Etch Primer Thinner No 115	PAT504		£13.93
Spray Gun Cleaner	BOLE30		£18.06
Xylene	PAT505		£20.39
Rustins Terebine Driers	PATPAID250	£4.04	

STRIPPERS



One of my personal favourites! Sad but true.

Before you destroy the planet with powerful solvents & strippers why not try a gentle heat gun and one of these outstanding scrapers. Easy. [see also p1.51].

Bahco Wolfram Carbide Scrapers They leave all other scrapers in their wake. Ergonomic ally designed for comfort, control and

power, they will cut through layers of paint even without the need for heat or strippers. The special double sided carbide blades retain their super hard edges and the slightly convex shape avoids corner damage. The smaller pear shaped scraper blade can be reversed for either a sharp point or a round profile making it ideal for mouldings.

Bahco Wolfram Carbide Scrapers	code	each
Large with 65mm blade	BAH665	£27.78
Spare 65mm blade	BAH451	£10.11
Spare 50mm blade	BAH442	£9.20
Pocket scraper with holster and ▲blade	BAH625	£19.63
▲blade	BAH449	£8.68
Pear shaped blade for pocket scraper	BAH625PEAR	£8.68



Blackfriars Paint and Varnish Remover The unique and useful feature of this stripper is that no washing down is required [unless recoating with water based paints].

- ✓ Easily removes layers of paint. ✓ No discolouration of the surface. ✓ Softens and renews brushes.
- ✓ No washing down required!

Paint and Varnish Remover	code	1L	code	5L
	PATBF068	£15.58	PATBF0685	£48.85

Nitromors Paint Stripper Strips back layers of paint but is kind to wood. Non drip formula, water washable. **New formula. 2L**

Nitromors [water washable]	code	RRP	price
All Purpose Paint Remover	NIT1392896	£31.48	£29.95

new

Everbuild Brush Restorer Oh dear they've gone hard! Not too worry, soak the brush overnight in Everbuild Restorer and any paint will soften so it can be washed off with water.

Everbuild Brush Restorer [water washable]	code	500ml
Everbuild Brush Restorer	PATEVBRUSHRE	£4.92

ENVIRONMENTALLY FRIENDLY SUBSTITUTES

Zest It A safer and environmentally friendlier alternative to white spirit and turpentine which has a mild citrus smell. It can be used to thin oil paint or it can be mixed with linseed oil to make an ideal paint medium. Zest It can also be used as a high performance brush cleaner without the leaching problems of white spirit.

Zest It	code	500ml	2.5L
	PAT404X	£10.75	£38.75
		[5]	[2]



Home Strip A revolutionary paint stripper which can strip up to 5 layers of paint in one application without risking exposure to DCM or any other solvents. Home Strip is solvent free, does not give off harmful fumes and will not cause burns on contact with skin.

Home Strip	code	1L	code	5L
	PAT5451	£10.20	PAT5455	£38.29



X-tex It's all been a ghastly mistake! Don't worry, help is at hand, X-tex is a water based formulation which softens coatings such as Artex® allowing them to be scraped off easily.

- ✓ No hazardous solvents.
- ✓ No fumes. ✓ No skin burns.

X-tex	code	each
2.5L	PATXTEX	£21.37
15L	PATXTEX15	£108.00



Home Strip Brush Renew Water based patented technology. Totally safe, no fumes, no skin burns. Leaves hardened brushes soft, smooth and like new.

Home Strip Brush Renew	code	500ml
	PAT522	£5.95



Graffiti Go Removes all types of graffiti using Home Strip's water-based technology. Available in 500ml trigger spray and a 5 litre re-fill.

Graffiti Go	code	each
500ml trigger spray	PATGG	£8.50
5 Litre Re-fill	PATGGR	£59.50



Trade Strip Cleaner and Degreaser A water based product with many applications in manufacturing, engineering etc. Suitable for ALL metals, grp, wood etc. Apply by brush or spray. Contains no chlorinated solvents. Available in 500ml trigger spray and a 5 litre re-fill.

Degreaser	code	each
500ml trigger spray	PATSCD	£8.25
5 Litre Re-fill	PATSCD5	£57.50