

# PRIMERS & ADHESION PROMOTERS

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## MULTIPURPOSE WATER-BASED PRIMERS



### Flints Multi Purpose Primer

Flints popular water-based primer is suitable for painting wood, steel and plastics, and it is excellent as a substitute for etch primer. It is not suitable for electrostatic spraying. The water base ensures there are no unpleasant fumes. This product will provide a long-lasting protection for steel. The surface of the material should be free from grease before application.

Like other water-based products it takes longer to cure than solvent-based. Flints Matt Black Primer can also be used for masking out the back of BP screens. It adheres well and provides a completely opaque covering. Covers approx 12 m<sup>2</sup> per litre. Matt finish.

- ✓ Low odour
- ✓ No fire risk during use
- ✓ Environmentally sound

Flints Multi-Purpose Primer	code	5 L	Tradeline 5+
Black	PAT117	£54.71	£48.58
White	PAT118	£57.49	£51.51



A great stain blocker

### Zinsser Bulls Eye 1-2-3

A universal interior and exterior, water-based, primer-sealer. It offers low odour application, quick-drying convenience and excellent adhesion to glossy surfaces. It offers excellent adhesion, without sanding, to hard-to-stick surfaces. Bulls Eye® 1-2-3 also prevents rust formation when applied over clean steel. Bulls Eye® 1-2-3 is great for blocking stains. It permanently and

completely seals graffiti, grease spots, tar and asphalt – inside and out. It dries to a smooth, tight, water-resistant film that is perfect for painting metal fabrications, steel doors, metal panels, duct work, galvanised gutters – any interior or exterior metal surface. It has a 35 minute touch dry time and is recoatable in just 1 hour. Covers 10 m<sup>2</sup> per litre. Rosco Colorcoat [page 33] is also waterborne and can be used as a primer.

Zinsser Bulls Eye 1-2-3 (White)	size	code	price
	1 L	PATZNI231	£17.85
	5 L	PATZNI235	£69.02



### Rosco Tough Prime

A unique water-based primer which has special adhesion properties that allow it to bond onto hard-to-prime materials, including PVC

pipe, aluminium and plastics, as well as muslin, wood and foam core. Dries to a tough, durable coating that can be overpainted. Although touch dry in half an hour, this paint will require between 24 and 48 hours to fully cure to its maximum strength. Suitable for indoor and outdoor use. Covers 9 – 10 m<sup>2</sup> per litre.

Rosco Tough Prime	code	3.79 L	code	18.95 L
Black	ROS36055	£61.10	ROS66055	£253.10
White	ROS36045	£61.10	ROS66045	£253.10

## MULTIPURPOSE OIL-BASED PRIMERS



Primes glass fibre too



### Epifanes Multi Marine Primer

Epifanes manufacture a large range of superior quality primers for exacting marine use. Multi Marine Primer can be used on steel, wood, glass fibre, aluminium, galvanised and stainless steel!

It has a satin finish which can be attractive just left or it can be overcoated with one- and two-component paints. In fact, it is the only single-component paint that I know of that can be overcoated with a two-component paint. Clean up with white spirit. Sandable after 6 hours, recoatable after 12 hours [48 hours for two-part products]. Available in White, Grey or Red Oxide.

- ✓ Super versatile primer
- ✓ Very tough finish

Epifanes Multi Marine Primer	750 ml	2 L	4 L
White	PATEMMW750 £20.63	PATEMMW2 £44.46	PATEMMW4 £88.00
Grey	PATEMMG750 £20.63	PATEMMG2 £44.46	PATEMMG4 £88.00
Red Oxide	PATEMMB750 £20.63	PATEMMB2 £44.46	-



### Seajet O11 Underwater Primer

This is primarily designed for use with Seajet antifoulings [for more information on marine products visit arthurbeale.co.uk] but makes a great general purpose underwater primer. Covers 5.3 – 10 m<sup>2</sup> per litre depending on application method.

A joy to apply

- ✓ Very rapid drying times – surface dry in 30 minutes at 20°C
- ✓ Smooth application with excellent obliteration
- ✓ Suitable for timber, glass fibre, aluminium or steel
- ✓ Good adhesion to previous coats
- ✓ Good seawater resistance



Seajet O11 Underwater Primer	size	code	price
Underwater Primer	750 ml	PAT251CR043S	£15.73
	2.5 L	PAT251CR043L	£48.97
Thinners	1 L	PAT908TR0061	£10.22

## WOOD AND MDF PRIMERS

### MDF - To Prime or Not to Prime

MDF is very absorbent and some poorer quality boards can sometimes develop a slightly textured surface after paint application. This is caused by the fibres expanding, especially when water-based products are used. This is not normally much of a concern with scenic items and MDF is often just rolled with water-based paints with no problem at all. However, try not to soak the boards too much and encourage good drying conditions by working in a well heated and ventilated workshop. Rapid drying will help to prevent the fibres from swelling. If your work includes detailed joints or is to receive a high gloss finish then a coat of shellac [page 52] or a specialised fast drying MDF Primer should be used prior to painting.



Fast drying

### COO-VAR Water-Based MDF Primer Undercoat

Rapid drying water-based primer undercoat ideal where same day application of the finishing coat is required. Interior and exterior. Surface dry in 30 minutes, thoroughly dry in 2 hours. Covers 9-11 m<sup>2</sup> per litre.

COO-VAR Water-based MDF Primer (White)	code	2.5 L
	PATMDFP	£37.33



**Epifanes Woodprimer** A traditional one-component primer based on alkyd resins. For use on bare wood, with good filling, building and covering properties. Clean up with white spirit. Recoatable after 24 hours. Covers 8-12 m<sup>2</sup> per 750 ml. See also Epifanes gloss enamels [page 33].

Epifanes Woodprimer	code	750 ml
White	PAT993W	£16.91
Grey	PAT993G	£16.93
To seal flame retarded boards to paint or glue see Shellac [page 52].		

**STEEL PRIMERS**



**Flints Rapid One-Pack Etch Primer** This primer was developed to have the advantage of a single pack etch primer but without the normal drawback of a very low flashpoint, common in most etch primers. Suitable for stoving or air-drying applications to ferrous and non-ferrous metals that have been cleaned. Formulated free of zinc chromates to reduce toxicity. Whilst this product contains anti-corrosive pigments, its main purpose as with other etch primers,

is to improve the adhesion of following coats and so it should be recoated as soon as possible if being exposed to a damp environment. It can be applied by conventional spray, airless spray, hot spray, or brush. Steel tubes can be quickly and conveniently covered using long-arm radiator rollers [page 70]. See also Rosco Colorcoat [page 33] as a safer alternative to priming steel with an Etch Primer. Matt finish. SPECIFICATION: VOC: max 740 g/L. Mass solids: 20%. Flash point: 24°C. Surface dry: 20 minutes. Recoatable: after 30 minutes. Coverage: @ 15-DFT 12.5 m<sup>2</sup>. Consider using a 3M Organic Vapour Mask type 4251 when using these paints [page 322]. Good ventilation should also be provided. For water-based possible alternatives see Flints Multi Purpose Primer [listed on the previous page] or Colorcoat [page 33]. Galvanised products should be weathered before painting [see AQ Primer].

- ✓ Flash point 24°C
- ✓ Free of zinc chromates

Flints Rapid One-Pack Etch Primer	code	5L
Black	PAT115	£47.66
White	PAT116	£49.98
Thinner No. 115	PAT504	£33.60



**Epifanes Metal Primer [one-component]** An anti-corrosive steel primer based on zinc phosphate and a urethane/alkyd resin. Apply directly to degreased rust-free steel. For use above the waterline. Thinners: white spirit. 750 ml will cover 10 m<sup>2</sup>. See also Multi Marine Primer on the previous page.

Epifanes Metal Primer	code	750 ml
White	PAT994W	£18.21
Grey	PAT994G	£18.36



**Rustins Red Oxide** Water-based formulation. Smooth application, and easy clean up. Also useful as a base for Gold Leaf [page 38]. See also the red oxide-coloured Multi Marine Primer on the previous page and the Plasti-kote aerosol red oxide-coloured primer [page 40].

Rustins Red Oxide	code	1 L	code	2.5 L
	PAT0961N	£14.36	PAT0962N	£32.57



**Ambersil Cold Galvanising Spray [Galvafruid]** Zinc-rich spray for steel with a grey weathered appearance which provides a protective coating to ISO 1461:1999. 99% pure zinc content, 61% content in cured film. Sacrificial coating protects from corrosion. Excellent for touching up galvanised fittings and tubes after site welding.

Galvafruid	code	400 ml
	PATCGS1	£10.50



**Owatrol** Penetrating rust inhibitor which stops rust and protects the base metal from further rusting. Penetrates and protects down to the sound metal driving out moisture and air. It stabilises and leaves a bonding film on all surfaces. Excellent adhesion including galvanised materials, aluminium, zinc and wood. Maintains the natural look of the surface [metal, wood, etc.]. Enhanced adhesion, ideal foundation for primers or finishing coats. Allows paint to be applied direct to firm rust. Heat resistant up to +175° C. Also a brilliant paint conditioner. Just add about 5 - 10% to any oil-based paint [which uses white spirit to clean up] and wave goodbye to brush marks!

Owatrol	code	500 ml	code	1 L
	PAT071	£14.02	PAT072	£23.64

**SPECIALIST PRIMERS AND ADHESION PROMOTERS**



**G4** A popular moisture-cured damp sealer. Excellent for sealing moulds as it will cure even on damp plaster. G4 can be used as a primer especially prior to bonding on GRP. It effectively seals damp walls after flood damage enabling decorations to be reinstated. Use it to protect timber or plywood troughs and surrounds used as stage water features. Rapid drying, G4 can be applied coat-on-coat without needing to sand between as long as the times are followed on the can. A very useful and effective product. Three coats will use approximately 550 g per m<sup>2</sup>.

G4 Damp Seal	code	1 kg	code	2.5 kg	code	5 kg
G4	PRO12102	£20.94	PRO12104	£42.76	PRO12106	£67.66
G4 Thinner	PRO12232	£11.60				



**Epifanes Washprimer AQ [one-component]** Water-based adhesion primer providing excellent bond to aluminium, zinc-coated and galvanised steel, non-ferrous metals, glass and ceramics. Can be overcoated with all Epifanes one- and two-component products. Off-white, dries clear. Recoatable after 2 hours [max 48 hours]. Covers 16 m<sup>2</sup> per litre.

Epifanes Washprimer AQ	code	500 ml
Off-white [dries clear]	PATEWAQ500	£26.70



**Owatrol E.S.P. Easy Surface Prep** If you need to paint old gloss enamel, varnish, glazed or ceramic tiles, baked enamel or even glass then Owatrol E.S.P. Easy Surface Prep will prepare the surface without the need to sand. Just wipe it on and wait for 2 hours before painting with oil or emulsion paint. In every case the paint will stick. Suitable for interior and exterior use. Covers approx 18 m<sup>2</sup> per litre.

- ✓ No need to sand
- ✓ Even prepares glass surfaces

E.S.P. Easy Surface Prep	code	1 L
	PAT070	£22.74

**PLASTIC PRIMERS**



Highly elastic water-based

**Hatocel Plastic Sheet Paint**

Quick drying, highly elastic paints that achieve excellent adhesion to plastic sheeting, soft and hard foams, PVC flooring, artificial and real leather, and textiles. In fact, most difficult to paint surfaces can be painted flawlessly without any "owls eyes" or craters. Hatocel Plastic Sheet Paints can be applied by brush, roller or spray gun. Colours can be diluted with water and are intermixable. Metallic pigments can be mixed into the transparent colours. See page 24 for full details of Hatocel and colour swatches.

- ✓ Available in ten matt and six gloss colours
- ✓ Soluble in water ✓ Odourless
- ✓ Paints PVC dance floor and projection screens with ease



Great for dance floors!

**Spectrum Covent Garden Primer**

Designed for the Royal Opera House for priming vacuum-formed plastics. It is water-based, can be tinted and is ideal for difficult surfaces such as dance floor, PVC, clear plastics, and rubber flooring. Covent Garden Primer is formulated to be a first coat prior to conventional painting although adding 20% to your scenic paint will normally make it stick to dance floor materials.

- ✓ The best water-based primer for vacuum-formed plastic sheets
- ✓ Aids adhesion of water-based paints to difficult substrates
- ✓ Use it when painting dance floors – see also Hatocel [page 24]
- ✓ Very popular well tried product

CG Primer	code	1L	code	2.5L	code	5L	5+5L
	PAT0503	£20.87	PAT0504	£41.04	PAT0505	£69.98	£56.45

For vacuum-form sheets see our selection - four brick and stone textures [page 85].

**SPECTRUM BLACK SCENERY PAINT**



**Matt Black Scenery Paint**

A very hard wearing acrylic formulation ideal for painting stage floors which will be subjected to very heavy wear or when the paint surface needs to last for a prolonged period.

- ✓ Great choice for a long-lasting stage floor paint

Matt Black Scenery Paint	size	code	list	price
	5 L	PATMBSP	£110.10	£88.02

See also Hato@Stage Lacquer for a hard-wearing scratch resistant floor paint for brand new floors. Available in matt and gloss finishes [page 13].

**HAMMERITE**



**Hammerite Hammered** The paint for metal that stops rust. It is tough and attractive, touch drying to a glossy enamel-like finish in only 15 minutes. As it dries, millions of heat hardened glass flakes leaf together to form a super-tough barrier, and the familiar finish that is Hammerite. If required, further coats should be added within 4 hours of the first coat. Apply with brush or spray. For spray application, thin 2 parts paint to 1 part thinners. Covers 5 m<sup>2</sup> per litre.



Hammerite Hammered	code	250 ml	code	750 ml	code	2.5 L
Black	PAT1031	£7.27	PAT1037	£18.31	PAT1034	£48.42
White	PAT1011	£7.27	PAT1017	£18.31	PAT1014	£48.42
Dark Green	PAT1141	£7.27	-	-	-	-
Silver	PAT1021	£7.27	PAT1027	£18.31	PAT1024	£48.42
Gold	PAT1081	£7.27	-	-	-	-
Copper	PAT1091	£7.27	-	-	-	-

Thinner/Brush Cleaner	code	250 ml	code	1L
	PAT1281	£6.03	PAT1283	£15.07

**Hammerite Smooth [formerly Smoothrite]**

The one-can decorative treatment for metal. Transforms any rough metal surface into a glossy, smooth and attractive finish without the need for primers or undercoats. Further coats should be added within 4 hours of the first coat. Apply with brush. For spray application, thin 2 parts paint to 1 part thinners. Covers 5 m<sup>2</sup> per litre. For Budget Brushes see page 67.

Hammerite Smooth	code	250 ml	code	750 ml	code	2.5 L
Black	PAT1221	£7.27	PAT1227	£18.31	PAT1224	£48.42
White	PAT1211	£7.27	PAT1217	£18.31	PAT1214	£48.42
Silver	PAT1291	£7.27	PAT1297	£18.31	PAT1294	£48.42
Dark Green	PAT1301	£7.27	-	-	PAT1304	£48.42
Red	PAT1231	£7.27	-	-	-	-
Gold	PAT1341	£7.27	-	-	-	-
Blue	PAT1361	£7.27	-	-	-	-

**Hammerite Hammered Spray** To be sprayed directly onto rust for 5-year protection. Easy to use and quick drying.

Hammered Spray	code	400 ml
Black	PAT965	£9.89
Silver	PAT966	£9.89
White	PAT967	£9.89

**Hammerite Smooth Spray** To be sprayed directly onto rust for 5-year protection. Easy to use and quick drying.

Smooth Spray	code	400 ml
Black	PAT965S	£9.89
White	PAT967S	£9.89
Red	PAT9611S	£9.89
Silver	PAT966S	£9.89
Dark Green	PAT969S	£9.89