

BASTION PAINT

SPECIAL EFFECT PAINTS

This Bastion Paint document that gives a simple guide on how to prepare and prime surfaces prior to painting with our paints as well as basic painting guidelines.

Caution

Our water based technology is far more environment and health friendly than oil/solvent base paint technology. Our paints are all non-flammable. Nevertheless standard industry guidelines apply:

Keep out of reach of children

Use only in well ventilated areas

Do not eat, drink or smoke while painting

Do not ingest paint

Avoid eye contact. In the event of eye contact wash well. Contact physician if irritation remains.

The following applies to all our paints but Glow-in-the-dark paint and Reflective Paint have additional specific requirements:

- Glow-in-the-dark Paint must be painted onto a white or light colored surfaces (white is best).
- Reflective Paint must be painted onto the color that you want to be visible in normal light. Note that most primers are not UV resistant and thus break down if exposed to sunlight. As Reflective Paint is clear any primer should be painted over with normal acrylic paint (in the color of choice) before applying Reflective Paint.

SURFACE PREPARATION AND PRIMING

Ensure all surfaces are clean, grease-free and dry before painting. In coastal areas it is important to wash off salt deposits. Fill or repair defects in an appropriate manner prior to painting.

Previously Painted Surfaces

Remove all loose paint. If paint is in a poor condition strip it off and treat as for an unpainted surface. Poor condition paint layers may be hidden many layers underneath the surface paint layer. These may peel later. Tapping or sampling will help to identify these.

Powdery or chalky paint surfaces

If powdery nature remains after brushing and high pressure cleaning then apply a Bonding Liquid or appropriate Plaster Primer first. New paint will peel off surfaces that are left powdery.

Damp

Damp beneath paint causes it to bubble and peel. Solve the cause of damp before painting.

Enamel, gloss and oil based paint surfaces

Sand thoroughly to a lower gloss or matt finish. Clean and apply Universal Undercoat.

New Surfaces

Surfaces not mentioned might require special preparation - Contact us before painting them.

Masonry surfaces

Fresh cement and cement plaster must dry for 2-4 weeks then prime with Plaster Primer. Do not leave Plaster Primer exposed to sunlight for too long, paint over it within 3 days.

Wood

Interior Wood: Sand and paint the wood directly with our paints

Exterior Wood: Sand, apply Wood Primer followed by Universal Undercoat and two coats of our paint.

Gypsum Board, Hardboard, Masonite, Gypsum Plaster, Crack Fillers, most Skims and Unglazed Brick

Prime with a Plaster Primer.

PVC gutters and down pipes

Sand lightly to create a key, then wash clean. No primer required

Galvanised Steel

Use Galvanised Iron Cleaner to get a water-break free surface. Wash well with water then prime with Galvanized Iron Primer.

Other Metal Surfaces

Remove all corrosion, degrease and clean. Use primer applicable for the type of metal being painted. See the main Technical Page of this web site for Painting Metal Surfaces as we advise on primers suitable for a wide range of metals from Mild Steel to Aluminum to Stainless Steel. Preferably use a water based metal primer as you can paint over it directly with our paints. If you use a solvent based primer then you will need to apply a coat of Universal Undercoat over it first.

Wall Tiles and Melamine surfaces

Appropriate water based primers are now readily available at most hardware stores. Priming is essential before applying our paints.

Glass and Ceramics

Acrylic and Polyurethane technology has advanced quickly so water based primers for these surfaces are now available from hardware stores. Priming is essential before applying our paints.

Plastic

There are numerous types of plastic and apart from PVC they require some sort of primer to be applied first. It always helps to roughen plastic with 100 grit sandpaper first and then soap wash in warm water. If your hardware does not have a suitable primer try a local automotive shop or panel beater as they paint car bumpers.

APPLICATION

Apply only to correctly prepared surfaces. Many unpainted surfaces require application of a primer first.

Stir well before use

Stir with a flat paddle until paint is uniform

Application

Apply with Brush, Roller or Airless spray. Some of our paints can be painted with air spray equipment but some dilution is required. For air spraying our Permanent Metallic Paints please see "Metallic Paint Painting Tips" in technical page of this web site.

Dry-time and subsequent coats

Dry to touch within 45 minutes.

Allow 2-4 hours between coats (paint must not be at all sticky to touch)

Allow 6 hours before significant rain or water contact.

Allow 2 weeks before washing or scrubbing.

Application temperature

Air and surface between 6-33°C.

Do not apply to surfaces in strong direct sunlight.

Avoid application shortly before sharp temperature drops e.g. winter afternoons.

Wash-up

Wash-up with water immediately after use.

Storage

Do not allow paint to freeze.

Keep lid well sealed when not in use.

Store upright in a cool place.