

## Technical Data Sheet

### HB42® PS1 Primer-Sealer Stain Block

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##### Description

PS1 Primer-Sealer Stain Block is a high performance shellac sealer primer that permanently kills stains and odours while also sealing knots and covers damage from smoke, water and mould.

##### Uses

PS1 covers glossy and hard to paint surfaces such as tile, or gloss paints with no sanding required. The shellac base permanently blocks stains and odours, covering even the darkest of colours. PS1 effectively blocks out nicotine, mould, smoke and water stains. It seals in tannins and wood knots and is ideal for priming all new timber. It also seals in grease and can be applied to porous surfaces including new, dry plaster. PS1 is highly effective at blocking on odours including smoke and damp smells. It also effortlessly covers dark paint colours, lipstick, crayon, rust and also non-alcohol based inks.

PS1 Shellac Sealer Primer provides excellent adhesion to almost all interior surfaces such as previously coated and new wood, cured plaster, drywall, porous wall coverings, clear finishes and improves adhesion to tiles and metal. PS1 can be applied beneath all water-based and oil-based paints.

PS1 can be applied to new or previously painted surfaces with minimal preparation due to its superior adhesion and covering properties. It can also be tinted using universal tinters.

PS1 should only be used externally for spot priming over resinous knots in timber. PS1 increases coverage of topcoat paints due to its excellent sealing and filling properties.

##### Preparation

Ensure the surface you are going to prime is clean, dry and free from dust, dirt and excessive oil, grease, wax, wallpaper adhesive or loose and flaky paint that may interfere with application. Can be used on previously painted glossy surfaces, if they are smooth, and have been cleaned down.

Wash surface with an appropriate cleaning solution. Remove any loose coatings and sand any remaining edges to smooth the surface. Lightly sand wood to remove any loose wood fibres. Try to remove existing stains as much as possible. Countersink exposed nail heads and fill any nail holes to smooth the surface.

Remove mould and mildew before painting with a mould and mildew cleaner and rinse well. Always ensure surface is dry before applying PS1, it will not work if moisture is trapped into the surface prior to overcoating with a topcoat. Always wear protective clothing and mask to prevent eye and skin contact. Special precautions should be taken during the surface preparation of pre 1960's paint surfaces over wood and metal as they may contain harmful lead. When dry-sanding avoid dust inhalation by wearing a suitable protective mask.

### **Application**

Apply PS1 when air and surface temperature is between -18° and 32°C and relative humidity is less than 70%. Substrate moisture content should not exceed 12%. Shake or stir well before applying by brush, roller or spray. If needed, use Methylated spirits to thin. Eliminate all sources of ignition. Only one coat is necessary to prime most surfaces. Keep container closed and store upright when not in use. Can be overcoated with all paints.

### **Drying time**

PS1 is touch dry in 15 minutes, recoat after 45 minutes if required. Allow 45 minutes before overcoating with paint. Adhesion cure 3 days.

### **Coverage**

12.5m<sup>2</sup> per litres. Approximately 32m<sup>2</sup> per 2.5L can

### **Clean Up**

Clean application tools with Methylated spirit, allowing your wet brushes and rollers to soak for 5-10 minutes. For tools that have dried, soak overnight in Methylated spirit. Spillages or paint drips should be cleaned up immediately using Methylated spirit.