

# Technical Data Sheet

## Bulls Eye<sup>®</sup> 1-2-3 Plus

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**Generic Type:** White pigmented, modified acrylic waterbase primer-sealer stain killer & bond coat.

### Performance Characteristics

- Bonds to glossy surfaces without scuff sanding.
- Formulated with proprietary stain-blocking resins.
- Binds moderately chalky surfaces.
- Dries in minutes, can be recoated in 1 hour.

**Recommended uses** – Apply to interior and exterior walls, ceilings, doors, trim, fascia, soffits, foundations, railings, and related paintable surfaces. Bulls Eye<sup>®</sup> 1-2-3 Plus bonds to wood, plaster, concrete, gloss enamels, hardboard, glass and tile. Seals porous surfaces and traps most stains in the primer film – water, graffiti, grease, rust, cedar and redwood tannin, creosote, smoke damage and asphalt stains. Allow two hours dry time when using as a stain blocker. Some stains may require a second coat. Not suitable for use on steel or other ferrous metals as flash rusting may occur.

**Interior** – New and previously painted drywall, plaster/cement based coatings, wood (*pine, fir, cedar, redwood, plywood*), *non ferrous metal (aluminum, copper, stainless steel, galvanized metal)*, vinyl, PVC, fibreglass, masonry (*stucco, concrete block, poured concrete, brick*).

**Exterior** – New or previously painted wood (*pine, fir, cedar, redwood, cladding, plywood, pressure treated wood*), hardboard, asbestos shingles, glass, non ferrous metal (*aluminum, copper, stainless steel, galvanized metal*), PVC, some rigid plastics, aluminium and vinyl panelling, fibreglass and masonry (*stucco, concrete block, poured concrete and brick*).

**Cedar and Redwood Bleed** – Traps tannins in the primer film to prevent them from ‘bleeding’ into the finish coat. Allow to dry overnight before applying topcoat. Very porous woods or heavy staining may require two coats before topcoat.

**Chalky Panelling** – Contains chalk-binding resins for use on moderately chalked aluminum or previously painted panelling and trim.

**High pH substrates** – Can be used on surfaces up to pH 12.5.

**Glossy Surfaces** – Adheres to glossy enamel paints, waxfree varnishes and woodstain, Formica<sup>®</sup>, PVC, fibreglass, vinyl – even ceramic tile – without pre-sanding or surface de-glossing.

**Surface Preparation:** Surfaces should be clean, dry, sound and free of any contamination, mildew, rust or unsound coatings that may interfere with adhesion. If unsure, always wash surface with a household bleach and water solution or methylated spirit. New plaster which is polished or dusty should be sealed with Zinsser Gardz<sup>®</sup>. Remove any unsoundly adhered coatings. Sand any remaining paint film edges smooth with the surface. Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibres. Attempt to remove existing stains by washing, sanding, scraping, etc. Kill mould and fungi with Blackfriar<sup>®</sup> Anti Mould solution or Zinsser<sup>®</sup> Mould Killer & Remover. If you are concerned about mould and fungi behind walls, underneath flooring, in ventilation systems or other seen areas, contact a professional who specialises in mould and fungi remediation. Bare wood that has been exposed for more than 4 weeks should be lightly sanded or abraded to remove weathered wood fibers. Countersink exposed nail heads and fill all nail holes and gouges. For commercial buildings and schools follow appropriate guidelines for mould removal. Spot prime knots and sap streaks with Zinsser B-I-N<sup>®</sup> Primer-Sealer before priming full surface with Zinsser Bulls Eye<sup>®</sup> 1-2-3 Plus.

**Application Conditions:** Apply between 10°C and 25°C, Relative Humidity < 85%.

**Application Methods:** Shake or stir well and apply using brush, roller or spray (*follow spray equipment manufacturer's instructions; use 0.017" tip at 2000 – 2500 PSI*). If thinning is required add no more than 5% clean water. Apply between 10°C and 25°C, Relative Humidity < 85%.

**Tinting:** Improve opacity of the top coat – tint towards top coat colour with up to 10ml universal colourant per 1L.

**Thinning:** If thinning is necessary add no more than 5% clean water. Note that thinning the primer may affect its stain-blocking properties.

**Dry Time:** Touch dry in 30 minutes; Recoat in 1 hour. Allow 2 hours for interior stain blocking and overnight for exterior stain blocking. Full adhesion and hardness develop in 7 days.

**Coverage:** Approximately 10m<sup>2</sup>/L. May vary with application method and porosity.

**Cleanup:** Clean up spills and drips with liquid detergent and warm water. If spills or drips have dried use methylated spirits or ammoniated detergent to soften and remove primer. Wash application tools in a solution of detergent and water immediately after use. If dried on tools let soak overnight in a solution of equal parts ammoniated detergent and water. Scrub bristles clean with a wire brush. Follow manufacturer's instructions when cleaning spray equipment. Use Zinsser® BIN® Brush Cleaner to remove dried paint from brushes.

**Precautions:** Consult product Safety Data Sheet.

**Warranty:** Zinsser Bull Eye® 1-2-3 Plus is guaranteed to perform as indicated when applied according to label directions to a properly prepared surface. Directions areas complete as possible but cannot encompass all conditions, applications, and / or surfaces beyond manufacturer's control.

### Typical Physical Properties

Percent Solids, Weight: 50.9%.

Percent Solids, Volume: 35.2%.

Density: 1.4 gram per litre.

Viscosity Range: 95 to 100 KU.

Theoretical Spread Rate: 10 sq. metres per litre.

Dry Time @ 25°C/50% RH: Touch: 30 min Recoat: 1 hour.

Stain Sealing @ 25°C/50% RH. Recoat: After 2 hours.  
(Cedar 24 hrs.)

Adhesion Cure @ 25°C/50% RH: 7 days

VOC: EU limit value for this product (Cat A/g): 30g/l.

This product contains max 1.5 g/l VOC.

Shelf Life: 2 years.

Freeze/Thaw stable.

Storage/Handling: Store indoors 5 - 32°C.

Disposal – Dispose of this material and its container to hazardous or special waste collection point.

**Limitations** – Will not mix with conventional emulsion paints including Zinsser® Bulls Eye 123®, ensure application equipment is thoroughly clean before use. Not recommended for application to floors or decks or to surfaces subject to immersion or prolonged contact with water. Do not apply to steel or other ferrous metals as flash rusting will occur. This product will perform as claimed if applied according to our directions. The directions apply to most applications, but may not cover special conditions, applications, techniques and/or surfaces. If you have a question, check with your supplier or Zinsser UK.

**Technical Assistance** - Available through local Zinsser® stockists. To find your nearest stockist call 0191 410 6611. Read and carefully follow all information on this Technical Data Bulletin, on the product label and the material safety data sheet for this product. To the best of our knowledge, the data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact Tor Coatings to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Tor's quality control and assume no responsibility for coverage, performance or injuries from use. Visit [www.zinsseruk.com](http://www.zinsseruk.com) for our most up-to-date technical data bulletins.