

# Technical Data Sheet

## AllCoat (Solvent based) Multi Surface Primer and Finish

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**Generic type** – Unique synthetic resin in an odourless solvent-based system for priming, sealing and blocking difficult interior stains in occupied environments where solvent odour is concerned.

### Performance characteristics –

- Solvent based stain blocking performance without odour
- Professional formula sprays through mid-sized airless pumps
- Seals difficult stains from water, fire, smoke and nicotine
- Adheres to glossy surfaces without pre-sanding or deglossing
- Bright white, non-yellowing, dead-flat finish looks great when left uncoated over dingy, water-stained ceilings / walls
- High pH resistance (up to 12.5) for concrete, lime based plaster, plaster, stucco and fast set joint / texture compounds
- Great for suspended ceilings, flat white finish matches tile colour, adheres to tile and powder coated frame
- Easy-sand formula makes a great enamel undercoat
- Seals common stains like crayon, graffiti, food stains, etc.
- Compatible with alkyd or acrylic topcoats
- Clean up with mineral spirits

### Recommended uses-

Apply to interior walls, ceilings, doors, trim, cabinets, paneling and related paintable surfaces. AllCoat solvent-based bonds to gloss enamels and varnishes, hardboard, glass and tile. Resistant to high pH surfaces (up to 12.5) including plaster, poured concrete, concrete block, stucco and 'hot' joints / texture compounds. Seals porous surfaces so topcoats spread further and present accurate sheen and colour. Blocks difficult stains from fire and smoke damage and nicotine.

### Interior Substrates-

New or previously painted drywall, cured plaster, cement, poured concrete, concrete block, stucco, wood (cedar, redwood, pine, fir, birch, oak and plywood), aluminum, iron, steel and galvanised metal. PVC, glossy laminates, powder coatings and other interior surfaces.

### Exterior Substrates-

Not recommended

### Adhesion-

A 'bond coat' primer that adheres tenaciously to a wide range of glossy and hard-to-paint surfaces – including: glossy enamel paints and clear finishes\*, Formica®, steel, aluminum, iron, PVC and ceramic tile – without tedious sanding or surfaces deglossing. \*For best results on clear

finishes use Zinsser B-I-N® Primer Sealer.

### Sprayable-

Produces an even alliptical pattern at 2500 P.S.I through a .017" tip when sprayed with a ¼ gpm airless pump. Atomization may be further optimized: bring product to room temp (21°C) shorten spray hose and / or increase diameter of hose.

### Stain Blocking-

One coat of Zinsser AllCoat Solvent-based effectively blocks stains from water, nicotine, smoke, graffiti, crayon and pencil and prevents them from bleeding into the topcoat.

### Bright White Finish-

Dries to a dead-flat, bright white, washable finish that doesn't yellow over time. Blocks overhead water or nicotine stains and leave unfinished for long-lasting, bright white ceiling / wall finish.

### Fire Damage-

Seals stains from water and smoke damage without strong odours making it great for occupied environments. Note: to ensure long term odour sealing, even on warm humid days use Zinsser B-I-N® primer-sealer.

### High pH Resistance-

May be applied to high pH surfaces (up to 12.5) without bubbling, lifting or degrading due to high alkalinity. Ideal for concrete, lime-wash, plaster and fast set joint / texture compounds.

### Priming-

Great leveling properties and a dead-flat finish make it ideal for priming new previously painted interior surfaces.

### Sealing-

Seals drywall, wood, masonry, cured plaster and cheap 'builders flats' so topcoat paints have better coverage.

### Enamel Undercoat-

Easy-sand formula smoothes readily to maximize the sheen and colour of enamel topcoats.

### Finish-

Bright white, dead flat, non-yellowing, washable finish. Tintable to pastel / mid-tone colours.

### Application-

Ready to use – no dilution necessary. In most cases only one coat is needed. Porous surfaces may require two coats to properly seal. Prime entire surface for best results

**Cleanup-**

Clean up spills and drips immediately with mineral spirits. Rinse application tools in mineral spirits immediately after use. Follow manufacturer's instructions to clean spray equipment.

**Disposal-**

Dispose of unused or unwanted product in accordance with local laws regulating solvent-based coatings.

**Surface Preparation-**

Surfaces should be clean, dry, sound and free of dust, dirt, excessive chalky material, grime, grease, oil, wax, mildew, wallpaper, adhesive or any contamination that may interfere with adhesion. If unsure, always wash surface with a household ammonia and water solution, appropriate cleaning solution, or solvent (Do not use tri sodium phosphate based cleaners). Remove any unsoundly adhered coatings. Sand any remaining paint film edges smooth with the surface, Attempt to remove existing stains by washing, sanding, scraping etc. Remove interior mildew with an interior mildew cleaner. Countersink exposed nail heads, spot-prime and fill with Zinsser Ready Patch™. Remove rust and wipe metal with a cloth dampened in alcohol. Clean new galvanised metal with methalated spirit with a final rinse in vinegar to remove oils. Spot prime knots and sap streaks with Zinsser B-I-N® primer-sealer before priming full surface with Zinsser AllCoat.

**Warnings-**

Consult product safety data sheet.

**Limitations-**

AllCoat solvent-based is not intended for exterior surfaces or for application on floors, decks, roof surfaces or any surface subjects to immersion or prolonged contact with water. These limitations are not to be construed as all-inclusive.

**Precautions-**

To prevent product from skinning over close container after each use: keep lid tightly closed during storage. Protect from freezing. If contents freezes thaw to room temperature before using.

**Application Data-**

**Brush, roller or pad:** natural bristle or lambskin

**Airless Spray:** .017" tip @ 2200-2800 psi, minimum pump size: ¾ G.P.N

**Practical Spread rate:** 45 - 55m<sup>2</sup> per 5L

Application conditions:

Temperature range: 4° - 32°C

Relative humidity: 10% - 85%

Substrate Moisture: 12% max moisture content

**Dry time (24°C)**

To touch: 1 hr

To recoat: 2hrs

Stain sealing: 2hrs

Full scrape cure: 7 days

**Tinting:** Up to 30ml universal colourant per 5L

**Cleanup-**

Mineral spirits. If dried on tools, let soak overnight. Follow spray equipment manufacturers instructions to cleanup spray equipment.

**Specification Data-**

**Solids by weight:** > 78.8%

**Solids by volume:** > 54.92%

**Density:** 5.99 – 6 - 10 Kg / 3.75L

**Viscosity range:** 85 - 90 KU

**Theoretical spread rate @ 1 mil DFT:** 76m<sup>2</sup> per 3.75L

**Gloss @ 60° / 7 day cure:** < 5°

**Enamel holdout:** 1,7% gloss change

**Wet adhesion:** pass 2000 cycles

**Flexibility / 7 day cure (3 / 8" Mandrel):** Pass / 4A

**Flame spread (ASTM-84-97A):** 5, Class 1

**Smoke contribution (ASTM-84-97A):** 0, Class 1

**Flash Point (ASTM-D3278):** 41°C

**VOC less than:** 350grams / litre

**Freeze / thaw stable:** yes

**Shelf Life:** 2 years in unopened containers

**Storage / handling:** Store indoors 4°C - 27°C