



# Technical Data Sheet

## BEDEC - ALL PRIME®

Water-Based ALL SURFACE ALL PURPOSE Primer sealer

---

All Surface, All Purpose, Stain Locking, Bond Coat, Metal Primer, Wood Primer, Knotting

GenericType – 100% acrylic resin water-based Interior / exterior stain blocking primer sealer.

### Performance Characteristics

- Fast drying – may be recoated after 4 hours
- Rust inhibitive coating for ferrous and non ferrous metals
- Alkali Resistant
- Seals most common and graffiti stains
- Excellent enamel primer / undercoat
- Compatible with oil or latex topcoats
- Clean up with soapy water

### Recommended Uses–

Apply to interior and exterior – walls, ceilings, doors, trim, fascia, soffits, foundations, railings, and related paintable surfaces. BEDEC - ALL PRIME® bonds to wood, plaster, concrete, gloss enamels, hardboard, glass and tile. Provides a rust inhibitive coating on iron railings, steel frames, piping, etc. Alkali Resistant to high pH surfaces (up to 12.5) including; plaster, poured concrete, concrete block, stucco and 'hot' joint / texture compounds. Seals porous surfaces and traps most stains in the primer film – graffiti, grease, rust, cedar and redwood tannin, creosote, and asphalt stains. Some stains may require a second coat.

### Interior Substrates–

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

### Exterior Substrates–

Recommended for all types of wood (New or previously painted pine, fir, cedar, redwood, plywood, T-111, and pressure treated wood), hardboard, metal (aluminium, steel, iron and galvanised metal), PVC, fibreglass, masonry (stucco, concrete block, poured concrete and brick). Rust Inhibitive– Dries to a tight, water resistant film that inhibits development and spread of rust on metal. Alkali Resistant – Can be applied to high pH surfaces (up to 12.5) without bubbling, lifting or degrading due to high alkalinity making it an ideal primer for concrete, stucco, plaster and fast setting joint / texture compounds.

### Cedar and Redwood Bleed–

Traps tannins in the primer film to prevent them from 'bleeding' into the finish coat. For best results, allow to dry overnight before applying topcoat. Very porous woods may require two coats before topcoat.

### Chalky Cladding–

Contains chalk-binding resins for use on moderately chalking aluminium or previously painted cladding and trim, after suitable cleaning and preparation.

### Glossy Surfaces–

Adheres to glossy enamel paints and clear finishes, Contiboard®, MDF, PVC, fibreglass, vinyl – even ceramic tile – pre-sanding or surface deglossing may be needed.

### Application–

Ready to use - no dilution necessary unless on porous surfaces where a thinned down (up to 30%) with water is required to increase penetration and adhesion as a sealer. In most cases only one coat may be necessary. Porous surfaces may require two coats to properly seal. Prime entire surface for best results.

### Thinning–

If thinning is necessary other than a priming coat add no more than 10 % clean water and stir thoroughly. Note that thinning the primer may affect its stain blocking properties.

### Cleanup–

Clean application tools with warm water and liquid detergent or household cleaner. Work solution into bristles/nap and rinse well.

### Disposal–

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

### Surface Preparation–

Surfaces should be clean, dry, sound and free of dust, dirt, excessive chalky material, grime, grease, oil, wax, mould, wallpaper adhesive or any contamination that may interfere with adhesion. If unsure, always wash surface with a household cleaner, appropriate cleaning solution, or methylated spirits and rinse off. Clean new galvanised with methylated spirits. Remove any unsoundly adhered coatings. Sand any remaining paint film edges smooth and level with the surface. New plaster which is polished or dusty should be abraded to open the surface. Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibres. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc. Remove mould and treat area with Fungicidal Wash. Remove rust /Wire brush rusty areas and wipe surface clean with methylated spirits. Spot prime knots and sap streaks after suitable preparation.

**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 face mask.**

**Limitations-**

BEDEC - ALL PRIME® is not intended for blocking heavy water stains or for application to floors, decks, roof surfaces or any surface subject to immersion or prolonged contact with water. These limitations not to be construed as all inclusive.

**Drying Time –** At 18C and 65% RH

dry to touch in 2 hours, recoatable after four hours. Apply topcoat within 30 days. Lower temperatures, higher humidity, and the addition of tint will prolong dry and cure time of the product. Full adhesion and hardness develop after 7 days.

**Coverage –** 10m<sup>2</sup> per litre. Coverage may vary with surface porosity.

**Precautions-**

Consult product Safety Data Sheet.

**Warranty–**

ALL PRIME is guaranteed to perform as indicated when applied according to label directions to a properly prepared surface. Directions are as complete as possible but cannot encompass all conditions, applications, and / or surfaces beyond manufacturer's control. The contents of the container are warranted to be free from any other defect for 2 years from the date of manufacture. All warranties and guarantees are limited to refund or replacement of product used with proof of purchase. No other warranty or guarantee is expressed or implied.

**Application Data**

Shake or stir before using. Apply with a synthetic bristle brush, roller or pad. If thinning is required add no more than instructed with clean water and apply a second coat of primer. Apply when air and surface temperature is between 10° - 32°C and relative humidity is less than 85%.

**Spraying-**

Depending upon equipment, follow manufacturers instructions, as a guide;

Airless Spray - 2500 psi 13 to 15 thou tip, 50° Angle

HPLV - up to 15% clean water 15 to 18 thou tip.

**Application Conditions**

Temperature Range: 10°– 32°C

Relative Humidity: 10% - 85%

Substrate Moisture: 12% max moisture content

Drying Time (18°C / 65% RH)

To Touch: 2 hours

To Recoat: 4 hrs

Stain Sealing: 4 hrs / Tannin 24 hrs

Full Scrape Cure: at least 7 days

**Tinting**

BEDEC - ALL PRIME® can be tinted with up to 2% by volume of universal tinter. Tinting the primer toward the colour of the topcoat helps it hide in one coat. For mid-tone to deep colours use BEDEC - ALL PRIME® Deep Tint.

**Specification Data**

Solids by weight: 43%

Solids by volume: 37%

Density: 1.3 kg / litre

Viscosity range

Gloss: @ 60° / 3 day cure 8% (satin)

Enamel holdout: 1.0% gloss change

Flash Point: N/A

VOC: less than 30g / litre

Freeze / thaw stable Yes

Shelf Life: 2 years in unopened containers

Storage / Handling Store indoors 5°C - 25°C

BEDEC PRODUCTS LTD.

Dunmow, Essex.

Tel 01279 876657

Info@bedec.co.uk

www.bedec.co.uk