



TECHNICAL DATA SHEET
BOND'n'BLOCK™
High-Performance Stain Blocking Primer & Sealer
For Interior Use Only

1. Product Description

BOND'n'BLOCK™ is a high-performance interior stain-blocking primer and bonding sealer formulated to provide superior adhesion and outstanding tannin, water, smoke, and stain suppression.

Based on advanced modified alkyd resin technology, BOND'n'BLOCK™ combines excellent substrate penetration and powerful stain sealing with fast drying and easy sanding characteristics. It is designed as a premium preparatory coating prior to decorative topcoats.

2. Key Features & Benefits

- Exceptional stain blocking performance
 - Seals tannin bleed, water stains, smoke damage, and ink marks
 - Superior adhesion to difficult substrates
 - Excellent hiding power
 - Fast drying and recoat time
 - Smooth, sandable finish
 - Compatible with most water-based and oil-based topcoats
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3. Recommended Uses

- Ideal for:
- Stained plasterboard
 - Timber and MDF
 - Interior concrete and plaster
 - Smoke-affected surfaces

Water-damaged ceilings and walls

Previously painted glossy surfaces (after preparation)

Spot priming problem areas

4. Surface Preparation

All surfaces must be:

Clean and dry

Free from grease, oil, wax, mould, and contaminants

Structurally sound

Remove loose or flaking material.

Sand glossy surfaces to promote adhesion.

Allow water-damaged substrates to fully dry before application.

5. Application

Application Methods:

Brush, roller, or airless spray.

Thinning:

Not normally required. If necessary, thin with mineral turpentine up to 5–10%.

Environmental Conditions:

Apply between 10°C and 30°C.

Avoid application in high humidity or on damp substrates.

Ensure adequate ventilation during application and drying.

6. Drying Times (at 20°C, 65% RH)

Touch Dry: 30–60 minutes

Recoat Time: 1–2 hours

Sandable: 1–2 hours

Full Cure: 4–7 days

Drying times may vary depending on temperature, humidity, and film thickness.

7. Technical Data

Property
Specification

Resin Type
Modified Alkyd

Colour
White

Finish
Matt

Coverage
10–14 m² per litre

Number of Coats
1 coat (2 for severe staining)

Dry Film Thickness
Approx. 25 microns @ 14 m²/L

VOC Content
Refer to SDS

Shelf Life
3+ years (unopened)

Clean-Up
Mineral turpentine

Pack Sizes
1L, 4L, 10L

8. Overcoating

May be overcoated with:

Acrylic interior paints

Enamel/oil-based coatings

For severe staining, allow full cure before applying light-coloured or low-sheen topcoats.

9. Limitations

Interior use only

Not designed for exterior exposure

Not a finishing coat – must be topcoated

Heavy water staining may require multiple coats

Do not discharge into waterways

10. Health & Safety

Refer to the current Safety Data Sheet (SDS) before use.

Use appropriate PPE including gloves and eye protection.

Ensure adequate ventilation.

11. Manufacturer

Commercial Coating Manufacturers Ltd

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