

Technical Data Sheet

B-I-N[®] AQUA

B-I-N[®] AQUA is a ground-breaking water-based formula, developed for both professional and commercial applications.

- Ultra-low odour.
- Contains only trace VOCs (<0.1%).
- Interior and exterior use.
- Effectively primes, seals and blocks stains.
- Locks in problem odours.
- Superior adhesion without the need for sanding.
- Blocks knot stain and sap streaks

Tinting: **B-I-N[®] AQUA** can be tinted with up to 25ml of universal tinter per litre. Tinting the primer toward the colour of the topcoat helps it hide in one coat.

Priming: Use as a full-surface primer on wood panels, building boards, doors, frames, PVC, plywood, concrete, glossy paint and varnish, non-ferrous metal such as galvanised metal, copper, aluminium and stainless steel and other paintable surfaces.

Spot-Priming: **B-I-N[®] AQUA** is excellent for spot priming knots, resin, stains, etc, and is also ideal for interior spot priming of water stains. Note that the primer on spot-primed areas with a porous surface may show through if the topcoat has poor coverage. This also applies to many ceiling paints and shiny enamels – only use a topcoat with good coverage. For best results bring forward spot primed areas by allowing a minimum of 45 minutes for the spot primed area to dry before overcoating with a full coat of **B-I-N[®] AQUA** to the whole area, or to a natural break.

Sealing: **B-I-N[®] AQUA** penetrates and seals porous surfaces and dries to a smooth finish with excellent hiding properties. **B-I-N[®] AQUA** is an excellent primer for enamel and is ideal for wood, new cured plaster, concrete and concrete block, stucco, drywall, joint compound, uncoated wallcovering and other porous surfaces.

Stain & Odour Blocking: **B-I-N[®] AQUA** will effectively block stains from water, nicotine, grease, oil, soot, mildew, tannin, crayon and lipstick. **B-I-N[®] AQUA** is also an outstanding odour barrier and effectively blocks all types of odours including fire damage, smoke, nicotine, mildew, pet urine and odour from fireplaces and heaters.

Fire Damage: Replace severely charred substrates and remove loose soot and other contaminants with a dry chemical sponge or duster. Prime damaged surfaces with **B-I-N[®] AQUA** to block smoke stains, water stains, and seal odours.

Knots & Sap Streaks: Seal knots and resin with one to two coats of **B-I-N[®] AQUA**. If the wood is new, two coats are recommended.

Glossy Surfaces: Glossy enamel paint and clear finishes, cabinets, panelling, glass, Formica[®], MDF, ceramic tile and non-ferrous metal can be primed without sanding or 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, wash surface with **Zinsser[®] Universal Degreaser & Cleaner**, rinse thoroughly and allow the surface to dry completely. Remove interior mould with **Zinsser[®] Mould Killer & Remover**. For exterior surfaces treat mould with a proprietary, exterior grade mould killer and remover in accordance with manufacturers instructions. Remove any peeling and/or unsound coatings. Sand any remaining paint film edges smooth. When priming over stained areas, first attempt to remove as much of the stain as possible by washing, sanding, scraping, etc. Allow surface to dry completely before priming. Substrate moisture content should not exceed 12%. New plaster which is polished or dusty should be sealed first with **Zinsser[®] Gardz[®]**. Degrease new galvanised steel with **Zinsser[®] Universal Degreaser & Cleaner** ensuring all traces of oil and surface contamination are removed. Unweathered powder coatings and Plastisol to be abraded and degreased thoroughly before priming. Special precautions should be taken during surface preparation of pre-1960s paint surfaces as they may contain harmful lead. Ensure application conditions are favourable and good painting practices are observed. Apply when air and surface temperature are between 7°C and 32°C with a relative humidity of less than 85%. Do not apply in direct sunlight or if condensation, rain, fog, frost etc. is likely to affect the freshly applied primer coat.

Application: Shake or stir well before use. Apply using a brush, roller or sprayer (follow manufacturer's instructions for sprayers; for airless spraying, use 0.015–0.017" tip at 1700-2200 psi). Thinning is not normally required, however, if necessary, add no more than 5% clean water. Do not thin if using for stain, knot or odour blocking.

Dry Time: At normal temperatures, **B-I-N® AQUA** is touch dry in 25 minutes and can be recoated in 45 minutes. Lower temperatures, higher humidity, and the addition of tint will prolong the dry and cure time of the product. For knots and stains, allow 2 hours to dry. When sealing water stains, some stains may appear in the primer as it dries, this is normal. Stains will be locked into the primer film and will not bleed into the topcoat.

Coverage: Up to 9m² per litre. Coverage may vary depending upon method of application and surface porosity.

Cleanup: Clean up spills and paint drips with warm soap and water. Wipe up splatters before they dry. Follow the equipment manufacturer's directions to clean spray equipment.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Precautions: Consult product Safety Data Sheet at www.zinsseruk.com and refer to product label.

Typical Physical Properties

Percent Solids, Weight: 62%

Percent Solids, Volume: 46%

Density: 1.41 gram per milliliter

Viscosity Range: 100 to 105 KU

Theoretical Spread Rate: 9 sq. metres per litre

Touch Dry: 25 mins

Recoat: 45 mins

Full Cure: 7 days

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

This product contains max 1 g/l VOC.

Shelf Life: 3 years in unopened containers

Freeze/Thaw stable

Storage/Handling: Store indoors 5 - 30°C

Limitations: Not recommended for application to floors or decks, exterior roofs or to surfaces subject to immersion or prolonged contact with water. Not suitable for knots which are still actively exuding resin. 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.

Warranty: **B-I-N® AQUA** is guaranteed to perform as indicated when applied according to label directions to a properly prepared surface. Direction areas complete as possible but cannot encompass all conditions, applications and / or surfaces beyond manufacture's control.