



## ZINSSER® B-I-N AQUA

# White pigmented water-based primer-sealer

- Ultra-low odour.
- Contains only trace VOCs (<0.1%).
- Interior and exterior use.
- Effectively primes, seals and blocks stains.
- Locks in problem odours.



# ZINSSER® B-I-N AQUA

## DESCRIPTION

B-I-N® Aqua is a high-performance white-pigmented low-odour water-based, synthetic shellac-based knot block primer and sealer that combines fast drying times with unrivalled adhesion and best possible coverage.

## RECOMMENDED USE

**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 deglossing.

## TECHNICAL DATA

Density (g/cm <sup>3</sup> ):	1,2 - 1,4
Gloss Level:	["Matt"]
Solids Content in weight:	60%
Solids content in volume:	50%

## DRY TIMES BY 20° C/RH 50%

Touch dry:	25 minutes
Dry to recoat:	45 minutes
Fully cured:	7 days

## RECOMMENDED WET FILM THICKNESS

100-137 µm

## RECOMMENDED DRY FILM THICKNESS

37.5-50 µm

## THEORETICAL CONSUMPTION

7.5-10 m<sup>2</sup>/L/coat

## PRactical consumption

## Practical consumption

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

## 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, wash surface with an appropriate cleaning solution or solvent and rinse thoroughly. 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.

## DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use. If thinning is required, add no more than 5% water. In most cases only one coat is necessary to prime most surfaces. If excessive absorption occurs over very porous substrates a second coat may be necessary. For best results, prime entire surface before painting.

## APPLICATION CONDITIONS

Apply when air and surface temperatures are between 10°C and 32°C with a relative humidity of less than 85%.

## APPLICATION & THINNING: BRUSH

High quality brush. For thinning, do not use more than 5% water.

## APPLICATION & THINNING: ROLLER

3/8" nap roller. For thinning, do not use more than 5% water.

## APPLICATION & THINNING: AIRLESS SPRAY

Use a 0.15–0.17" tip at 1700-2200 psi / 120-150 bar. Follow manufacturer's instructions when using spray equipment. Provide adequate ventilation at all times. For thinning, do not use more than 8% water.

## CLEANING OF EQUIPMENT / SPILLS

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.

## REMARKS

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. Apply more on surfaces with odour and stain problems. Paint spot-primed exterior surfaces after they dry. Lower temperatures, higher humidity, and the addition of tint will prolong 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. The stain is locked and will not bleed into the topcoat. Not recommended for full surface application on exterior substrates, garage floors, decks, patios, porches, excessively humid interior areas - e.g. sauna rooms, damp surfaces, or surfaces subject to immersion or prolonged contact with water.

## SAFETY DATA

VOC level:	1 g/l
VOC readymix:	1 g/l
VOC category:	A/g
VOC limit:	30 g/l (2010)
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

## Shelf life

Date issued: 22/04/2024

**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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