



TECHNICAL DATA SHEET

ALCOLIN BITUMEN PRIMER

Description

Alcolin Bitumen Primer is a quick drying, highly penetrating bitumen solution designed specifically for sealing and priming concrete, masonry and timber surfaces prior to the application of torch-on waterproofing membranes and other hot and cold applied bituminous compounds and sealants to improve adhesion.

Features & Benefits

- Primer for porous and non-porous surfaces
- Suitable for use on concrete, metal and wood
- Cold applied, no heating required
- Improves adhesion of bituminous based membranes and coatings



Applications

Priming and sealing of concrete, masonry work, cementitious screeds / renders, existing bituminous waterproofing membranes, metal, timber and other porous and non-porous surfaces prior to treatment with torch-on membrane and other hot and cold applied bituminous compounds and sealants.

Adhesion

Concrete, masonry, cementitious screeds / renders, galvanized steel, metals, wood, clay or cement bricks, weathered bitumen, existing bituminous waterproofing

Limitations

- Do not apply if temperature is below 5°C.
- Not suitable for potable drinking water tanks.
- Bitumen compounds tend to bleed through and discolour paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before painting.

Safety instructions

Alcolin Bitumen Primer contains a flammable, toxic solvent. Always work in a ventilated area. Do not breathe in vapours. Avoid exposing product to any ignition sources. Do not smoke when working with Alcolin Bitumen Primer. It is advisable to wear gloves and safety glasses in order to avoid direct contact with skin or eyes. If product comes in to contact with skin or eyes, rinse thoroughly and immediately with water. Seek medical attention if irritation or discomfort persists. Protect from sunlight and do not expose to temperatures exceeding 40°C. Keep out of reach of children! Refer to our Safety Data Sheet for further toxicological information and comprehensive handling instructions.

Surface preparation

Ensure surfaces are clean, dry and free of loose materials, dust, grease, rust and other contaminants. Defects such as cracks should be repaired prior to primer application.

- Metal surfaces (old)
Remove any flaking material or rust with a wire brush. Apply a rust converting primer.
- Previously coated surfaces
Completely remove any old paint.

Directions for use

1. Ensure that surfaces are prepared as above.
2. Stir well before use.
3. Apply with a brush, roller, squeegee, or spray.
4. Apply in a thin coat and avoid any pooling.
5. Ensure the film is completely dry (approx. 4 to 5 hours) before over-coating with a waterproofing system, since solvents remaining trapped in the film may cause poor adhesion of the waterproofing system.
6. Tools and brushes can be cleaned immediately after use with white spirits or turpentine.

Storage stability

Alcolin Bitumen Primer has a shelf life of 24 months if stored in a safe, cool (below 25°C), dry place in its original moisture-tight container. Ensure the container is closed to create an airtight environment when not in use. When working with the product, try to keep the container closed – if left open for long periods, the solvents will evaporate, and the product may become unusable.

Product packaging

- Alcolin Bitumen Primer 5L tin
- Alcolin Bitumen Primer 25L tin

Product data

Type	Blend of aromatic solvents and bitumen
Appearance	Black, low viscosity liquid
Solids	Approximately 60%
Density	Approximately 0.93g/cm ³
Touch dry	Approximately 90 minutes
Viscosity Ford 4 Cup	Approximately 14 seconds
Full Cure	Approximately 4 - 5 hours
Solvent resistance	Poor
Coverage	5m ² /L (depending on surface porosity)

Head Office: +27(0)21 555 7400
Toll free no: 0800 222 400
1 Beverley Close, Montague Gardens
PO Box 37008, Chempet, 7442
www.alcolin.com



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