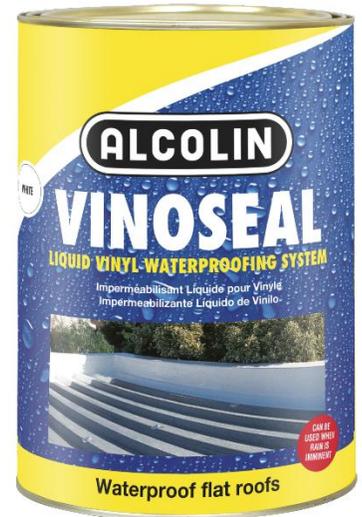




ALCOLIN VINOSEAL

Description

Alcolin Vinoseal is a liquid vinyl coating that creates a highly effective and durable waterproofing system ideal for flat and pitched roofs, flashings, gutters, dams and ponds. It offers good adhesion to most building materials i.e. plaster, concrete, metal, and wood. Alcolin Vinoseal dries to form a non-toxic, flexible, plastic film that is waterproof. When used in conjunction with a membrane, it can be used to waterproof structural cracks, holes and joints.



Features & Benefits

- Vinyl/rubber based - durable, tough and UV resistant
- Contains strengthening fiber to enable waterproofing of hairline cracks without use of a membrane
- Resistant to fungal and bacterial growth
- Good heat deflection
- Fast drying - same day waterproofing when rain is imminent

Applications

- Ideal as a maintenance waterproofing of flat and pitched roofs, repairing of leaks, flashings, balconies, gutters, cement dams, fish ponds, drinking troughs. When used in conjunction with a membrane, can be used to waterproof structural cracks, holes and joints.
- Ideal to use for waterproofing when rain is imminent.
- Primer for rust prevention on steel framing, metal poles and gates, handrails, window and doorframes, tanks, farming implements and other interior and exterior surfaces where rust may occur.

Adhesion

Concrete, masonry, cementitious screed / renders, galvanized steel, metals, wood, clay and cement bricks, weathered bitumen and existing bituminous waterproofing. Cement plaster and concrete should be more than 1 year old.

Limitations

- Do not apply to damp surfaces.
- Do not apply to fresh plaster or concrete, unless primed with a thin bitumen solution. Plaster and concrete should be at least 1 year old.
- Do not over-paint with an enamel paint.
- Not suitable where there is a negative water pressure e.g. on the outside of a concrete water tank.

Safety instructions

Alcolin Vinoseal 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 Vinoseal. It is advisable to wear gloves and safety glasses in order to avoid direct contact with skin or eyes. If product comes into 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. Smooth off any sharp edges that may protrude from the surface.

- Cement plaster and concrete
If surface is less than 1 year old then prime with a thin bitumen solution. Glazed cement surfaces should be roughened.
- Metal surfaces (new and old)
Remove any flaking material or rust with a wire brush. Apply a rust converting primer.
- Previously coated surfaces
No primer needed. If there is any uncertainty that the previous painted surface may not be well adhered to the substrate, we recommend that the old paint is completely removed before recoating. Enamel painted surfaces should be sanded or wire brushed.
- Bituminous surfaces and waterproofing membrane
To avoid discolouration of Vinoseal, it is best to apply over fresh bitumen. If applying over weathered bitumen or existing bituminous waterproofing membrane, ensure that all oxidized bitumen is removed. A priming coat of diluted Vinoseal is recommended to bind any powdered surface.

Directions for use

- Ensure that surfaces are prepared as above.
- Apply Alcolin Vinoseal during the cooler part of the day, as this will improve its spreadability.
- Stir well before use.
- Apply with a brush, roller or spray.
- If product has thickened, it may be thinned down with methylated spirits to desired viscosity. Use non-coloured methylated spirits with white Vinoseal, as purple may tint the colour of the coating.

As a coating

- Apply 2 coats, allowing 2 hours to dry between coats. Best results are achieved if the second coat is applied at right angles to the first coat.
- Coverage for 2 coats : Approximately 1L/m²

TECHNICAL DATA SHEET

As a waterproofing system

- Alcolin Vinoseal can be used without a membrane as it contains strengthening fibre, however for best results, we recommend using in conjunction with a membrane. If spanning structural cracks, holes and joints, a membrane must be used. We recommend application of three coats as follows :

First coat

- Apply a thick coat of Alcolin Vinoseal to the surface at a spread rate of approximately 0.75L/m² and then impregnate the Alcolin Membrane into the wet coating. Ensure no air bubbles or creases are present. It is vitally important that the membrane is well saturated. Membrane overlaps must be a minimum of 75mm on the end laps and 50mm on the side laps. The coating should extend approximately 75mm beyond the membrane.

Second coat

- Allow the first coat to dry for approx. 2 hours, before applying a second liberal coat to the entire area, ensuring that the membrane is well saturated.

Third coat

- Apply a third coat to obtain a smoother finish.
- Check for any uncovered areas and pinholes once dry, and re-coat if necessary.
- For pond and reservoirs, allow to dry for at least 5 days. Flush with clean water before filling.
- Coverage : Approximately 2L/m²

Cleaning

Tools and brushes may be cleaned with methylated spirits (or ethanol) while paint is still wet.

Storage stability

Alcolin Vinoseal has a shelf life of at least 12 months if stored in a cool (below 25°C), dry place in its original moisture-tight container. If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a check should be performed to observe whether the product is still workable.

Product packaging

- 5L tin

TECHNICAL DATA SHEET

Product data

i. Physical data

Type	Solvent based vinyl
Appearance	Viscous liquid (aluminium or white colour)
Solids	> 23%
Density	Approx. 0.9 g/cm ³
Viscosity	Approx. 4000cps

ii. Application data

Application temperature	5°C to 30°C
Coverage – as a coating	Approx. 1L/m ² (two coats, depending on surface porosity)
Coverage – as waterproofing system with membrane	Approx. 2L/m ² (three coats, depending on surface porosity)
Drying time	Approx. 2hrs per coat, depends on temperature and humidity

iii. Performance data

UV resistance	Excellent
Water resistance	Excellent
Temperature service range	-10°C to 55°C

The above information is only offered, as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for problems caused by the use and/or application of this product.

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