



TECHNICAL DATA SHEET

ALCOLIN RAINSEAL

Description

ALCOLIN RAINSEAL is an acrylic water-based coating that dries to a flexible highly water resistant coating providing durable protection against rain, wind and sun. ALCOLIN RAINSEAL can be used in conjunction with ALCOLIN RAINSEAL MEMBRANE to bridge gaps, cracks and dissimilar substrates thereby ensuring a long-life shield against the elements.

Features & Benefits

- Superior water resistance
 - Acrylic based
 - Easy to use
 - Low lustre flexible finish
 - Tintable
 - Non-toxic
 - Membrane system
 - Flexible
- resistant to wind driven rain.
 - durable, tough, UV resistance.
 - effective waterproofing compound.
 - can be over coated or left as a final coat.
 - can be tinted with universal paint tints.
 - formulated without lead or mercury.
 - can waterproof larger cracks and gaps without needing to fill.
 - can bridge minor surface imperfections and accommodate slight movement of substrates.



Applications

- Waterproof roofs, parapets, walls, flashings, roof-screws, etc.
- Repair leaking areas.
- Good exterior paint that will not crack.
- Excellent wood paint due to its flexibility.
- When used with membrane, ALCOLIN RAINSEAL will waterproof cracks and joints.

Adhesion

- ALCOLIN RAINSEAL adheres to plaster, concrete, tiles, metal, asbestos, bricks, wood, polycarbonate sheeting and most painted and coated surfaces.

Limitations

- Not to be used if rain or threatening weather is expected within 24 hours. When used with membrane a longer curing time may be necessary.
- Not recommended for areas with long term ponding or permanently wet surfaces.
- Not suitable on bitumen surfaces.
- Not suitable where there is a negative water pressure e.g. on the outside of a concrete water tank.

Safety instructions

ALCOLIN RAINSEAL is non-toxic, however, safe handling practices should be implemented to avoid irritating sensitive skin. It is advisable to wear gloves in order to avoid direct skin contact. If glue comes in contact with skin or eyes, flush thoroughly and immediately with water. If irritation continues, seek medical attention. Paint is slippery when wet, so care should be taken when cleaning spillages that occur. Refer to our Safety Data Sheets for further toxicological information and comprehensive handling instructions.

Surface preparation

- Surface must be clean, dry and sound, free of chalk, loose masonry, peeling paint, release oils, mould and fungus, and bleeding stains. Cracks larger than 1mm in width should be repaired with ALCOLIN ACRYLIC SEALANT, ALCOLIN LITEFILL, ALCOLIN EXTERIOR CRACKFILLER, ALCOLIN INTERIOR CRACKFILLER, or else use ALCOLIN RAINSEAL with membrane system to bridge the crack.
- **New plaster and concrete**
Fresh plaster and concrete has to be allowed to cure for 30 days prior to coating and should have a pH of 11 or less. Unweathered areas must be power washed or scrubbed with a detergent solution and rinsed with water to remove surface salts that could bleed through and interfere with adhesion. Prime with diluted ALCOLIN RAINSEAL or ALCOLIN PERMOBOND.
- **New galvanized iron and mild steel surfaces**
Scrub down surface with a galvanized iron cleaner. Rinse with water. Prime with ALCOLIN ANTI-RUST.
- **Rusted galvanized iron and mild steel surfaces**
Rusted areas need to be wire brushed to remove rust deposits. Treat with a rust converter followed by ALCOLIN ANTI-RUST.
- **Previously coated surfaces**
Matt water-based coatings can be directly over coated. Glossy and sheen paint surfaces should be sanded.
- 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.

Directions for use

- Ensure that surfaces are prepared as above.
- For colour consistency, ensure that batch numbers on containers correspond.
- Stir before use.
- **As a coating**
 - Apply ALCOLIN RAINSEAL with brush or roller.
 - May be diluted 1 part WATER 3 parts ALCOLIN RAINSEAL for spray application.
 - Allow to dry for 6 hours, depending on temperature and humidity.
 - Recoat and ensure complete coverage with ALCOLIN RAINSEAL.
 - After final coat, ensure that any remaining pinholes are over coated.
- **As a waterproofing system**
 - For structural cracks, holes and joints, a fabric membrane must be used.
 - Apply a thick coat of ALCOLIN RAINSEAL with brush or roller, allowing for an overlap of 5cm either side of the membrane.
 - Immediately press the ALCOLIN MEMBRANE onto the wet surface ensuring that it is fully saturated.
 - Allow to dry for 6 hours or more.
 - Apply a generous coat to fully saturate top of membrane.
 - Allow to dry. Any uncovered areas and pinholes must be recoated.
- For optimum results over coat with another coating of ALCOLIN RAINSEAL or any water-based paint if required.
- Drying times are dependent on environmental conditions. High humidity and low temperatures will extend drying time.

Cleaning

- Tools and brushes may be cleaned with water while paint is still wet.

Storage stability

ALCOLIN RAINSEAL has a shelf life of at least 18 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. A check should be performed to observe whether the product has not separated, thickened, or shows signs of bacterial degradation (bad smell, discoloration and low viscosity). To maximize the shelf life of the opened container, ensure that the packaging is closed to create an airtight environment when not in use. If the package is left open for long periods, the product will thicken due to evaporation. It is recommended to stir product before use to ensure even consistency.

Product packaging

- 5L tin

Product data

i. Physical data

Appearance	Viscous liquid in white, black, grey and red
Type	Acrylic latex
Volume solids	Approx. 35%
Solids	Approx. 46%
Density	Approx. 1.19 g/cm ³
Viscosity	Approx. 12000 cps
pH	Approx. 8.5

ii. Application data

Application temperature	5°C to 40°C
Coverage – as coating	3 square meters per litre (2 coats)
Coverage – as waterproofing system with membrane	0.5 square meters per litre (3 coats)
Drying time	6 hours, depends on temperature and humidity

iii. Performance data

UV resistance	Excellent
Water resistance	Excellent
Temperature service range	-10°C to 60°C