

Aliphatic Alcohol Evaporation Retardant

PRODUCT DESCRIPTION

Evencure AA is a low-viscosity, water-based aliphatic alcohol evaporation retardant formulated to minimise moisture loss from freshly placed concrete. It creates a temporary film that helps retain surface water during the finishing phase, particularly in hot, dry, or windy conditions, without affecting the cement hydration process.

The product is ideal for coloured concrete, precast elements, and flatwork where extended finishing time is required. It improves surface quality, reduces plastic shrinkage, and contains a green fugitive dye to assist with uniform application — which fades naturally after use.



FEATURES & BENEFITS

- Minimises surface evaporation and plastic shrinkage
- Compatible with wood float, hand trowel, and mechanical finishes
- Improves workability and surface quality
- Water-based; contains no solvents
- Will not interfere with cement hydration or the bond of subsequent coatings
- Green fugitive dye for even application (disappears after drying)

LIMITATIONS

- Do not overapply — may affect surface strength due to water/cement ratio changes
- Not a curing compound — curing must follow AS3600 using products compliant with AS3799 (≥90% curing efficiency)

AREAS OF APPLICATION

Evencure AA is suitable for use on:

- Coloured and exposed aggregate concrete
- Precast and prestressed concrete
- Roads, bridges, footpaths, and slabs
- Concrete requiring extended finishing time for stencils, mats, or dryshakes

PACKAGING

Product Code	Description	Pack Qty
101677	Evencure AA Evaporation Retardant 20L	1
101676	Evencure AA Evaporation Retardant 200L	1
107217	Evencure AA Evaporation Retardant 1000L IBC	1

Aliphatic Alcohol Evaporation Retardant

TECHNICAL SPECIFICATIONS

APPLICATION INSTRUCTIONS

Step	Detail
Dilution	1 part Evencure AA to 9 parts clean water
Coverage	Approx. 5m ² per 1L of diluted solution
Mixing	Shake well before dilution and use
Application	Apply with low-pressure sprayer
Reapplication	May be necessary in extreme heat/wind
Finishing	Compatible with standard finishing techniques

PHYSICAL PROPERTIES

Property	Value
Form	Liquid
Colour	Green
Odour	Mild, product-specific
Density	1.08 g/cm ³ @ 20°C
Solubility in Water	Soluble
Flash Point	Not applicable
Boiling Point	>100°C
Flammability	Non-combustible

SAFETY & FIRST AID

- **Inhalation:** Move to fresh air; administer oxygen if breathing is difficult
- **Skin:** Rinse thoroughly with water; remove contaminated clothing
- **Eyes:** Flush with water for at least 15 minutes; seek medical advice
- **Ingestion:** Rinse mouth, give water; do not induce vomiting; seek medical advice
- **PPE Required:** Gloves, overalls, safety glasses, and respirator (if mist present)
- **Handling:** Avoid inhalation, eye contact, and prolonged skin contact
- **Storage Conditions:** Store in a cool, dry, well-ventilated area (1–49°C); do not freeze

ECOLOGICAL INFORMATION

- Avoid contamination of waterways
- Biodegradable under aerobic conditions
- Low potential for bioaccumulation
- High aquatic toxicity if improperly disposed (e.g. LC50 for fish = 0.87 mg/L)
- Dispose of in accordance with local regulations

STORAGE & SHELF LIFE

- Shelf Life: 6 months (in sealed, original containers)
- Storage Temp: 1–49°C
- Keep away from sunlight and ignition sources
- Do not allow product to freeze

TRANSPORT & REGULATORY INFO

- Not classified as Dangerous Goods under Australian, NZ, IMDG, or IATA codes
- No hazardous ingredients under GHS
- Not subject to MARPOL, Basel, Rotterdam, or Stockholm conventions