

Aardcure AA – Concrete Evaporation Retarder



PRODUCT DESCRIPTION

Aardcure AA is a low-viscosity aliphatic alcohol in aqueous solution, formulated to control water evaporation from freshly placed concrete during finishing. It is particularly effective in high temperature, windy, or low humidity conditions. Once applied, Aardcure AA forms a monomolecular film that slows evaporation, reduces plastic shrinkage, and improves surface integrity.

The product is ideal for use with colored concrete and dry shake systems and will not interfere with hydration or aftertrades. It features a green fugitive dye to ensure even application and disappears as the surface dries.



FEATURES & BENEFITS

- Retards evaporation under harsh environmental conditions
- Reduces surface cracking and plastic shrinkage
- Compatible with all concrete finishes (trowel, float, broom)
- Biodegradable, water-based formulation
- Non-residual – no interference with coatings or adhesives
- Sprays evenly; green dye ensures uniform coverage
- Washes off equipment with water
- Ideal for stenciled or patterned concrete applications

APPLICATIONS

- Pavements and footpaths
- Commercial floor slabs
- Precast or prestressed concrete
- Decorative or colored concrete
- Infrastructure pours exposed to harsh conditions

PACKAGING

Product Code	Description	Size
133151	Aardcure AA Evaporation Retardant	20L
133172	Aardcure AA Evaporation Retardant	200L

TECHNICAL SPECIFICATIONS

TYPICAL PROPERTIES

Property	Value
Appearance	Green-tinted liquid
Odour	Mild
Solubility in Water	Complete
Viscosity	Similar to water
Flash Point	Not applicable
Application Temp	5°C – 40°C
Dry Time	Reforms during finishing; no hard dry

APPLICATION INSTRUCTIONS

Step	Detail
Mixing Ratio	1 part Aardcure AA to 9 parts water
Coverage	5 m ² per litre of diluted solution
Spray Application	Spray uniformly over slab; reapply if evaporation resumes
Timing	Apply as soon as bleed water dissipates
Surface Finish	Continue normal finishing once applied

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SHELF LIFE & STORAGE

- Store in original unopened packaging
- Shelf life: 12 months
- Storage temp: 5°C to 35°C
- Avoid freezing and contamination

SAFETY & HANDLING

- Non-hazardous under GHS classification
- Wear gloves, eye protection, and mask
- Ensure adequate ventilation
- Refer to SDS before use
- Clean equipment with water after use