

Aardcure WAX – Wax-Based Concrete Curing Compound

PRODUCT DESCRIPTION

Aardcure WAX is a high-performance, wax based concrete curing compound formulated as a white pigmented water-based emulsion. It forms a continuous film over freshly poured concrete, reducing moisture loss, preventing plastic shrinkage, and improving surface durability.

It meets the requirements of AS3799, ensuring minimum water retention of 90%, and is especially suitable for horizontal concrete surfaces exposed to direct sunlight



FEATURES & BENEFITS

- AS3799-compliant: >90% moisture retention
- Wax-based membrane for long-lasting performance
- White pigment reflects UV and heat
- Water-based formula – safe and VOC-compliant
- Prevents cracking and improves surface strength
- Quick drying; sprayable with conventional equipment
- Easy cleanup with water

APPLICATIONS

- Pavement and road concrete
- Bridge decks and airfields
- Industrial slabs and precast surfaces
- Horizontal concrete in hot climates
- Infrastructure projects requiring AS3799 curing compliance

PACKAGING

Product Code	Description	Size
132960	Aardcure Wax	20L
132863	Aardcure Wax	200L
133169	Aardcure Wax	1000L

TECHNICAL SPECIFICATIONS

TYPICAL PROPERTIES

Property	Value
Appearance	White liquid (dries to white film)
Solids Content	25% – 30%
VOC Content	<10 g/L
pH	Neutral (~7.0)
Flash Point	Non-flammable
Tack-Free Time	~30 minutes
Trafficable	12–24 hours (dependent on site)

APPLICATION INSTRUCTIONS

Step	Detail
Dilution	Apply undiluted
Coverage	5 m ² per litre
Timing	Apply once surface bleed water has dissipated
Method	Use low-pressure spray for even film
Surface Temp Range	Apply in 10°C – 35°C conditions
Recoat or Finish	Wait ~28 days before applying after-trades

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SHELF LIFE & STORAGE

- Shelf life: 12 months in unopened container
- Store at 5–30°C in shaded, dry area
- Do not freeze or expose to direct sunlight

SAFETY & HANDLING

- Non-dangerous goods
- Use gloves, goggles during spray application
- Avoid skin and eye contact
- Wash off immediately with water
- Refer to SDS for complete safety instructions