

# Aardcure BPP – Bitumen Curing Compound

## PRODUCT DESCRIPTION

Aardcure BPP is a bitumen emulsion curing agent designed to cure freshly poured concrete and act as a primer for asphalt or bitumen overlays. It is a high solids, cationic emulsion compliant with AS3799, achieving over 90% water retention to support proper concrete hydration.

Formulated for both curing and priming, Aardcure BPP is ideal for use on slabs, roads, bridge decks, and other large-scale infrastructure works. It eliminates the need for secondary primers and leaves a consistent black film to aid coverage inspection.



## FEATURES & BENEFITS

- Dual-function: curing and priming agent
- AS3799 compliant – water retention >90%
- Black film for visual coverage confirmation
- Compatible with asphalt placement
- Easy to apply – brush, roller, or spray
- No wax content – improves surface adhesion
- Reduces plastic shrinkage and dusting
- Environmentally safer – water based, no solvents

## APPLICATIONS

- Curing compound for concrete
- Primer for asphalt overlays
- Bridge deck and slab waterproofing
- Road construction and civil works
- CRS-170 equivalent applications

## PACKAGING

| Product Code | Description                    | Volume |
|--------------|--------------------------------|--------|
| 132959       | Aardcure BPP (BCP) – 20L Pail  | 20L    |
| 133170       | Aardcure BPP (BCP) – 200L Drum | 200L   |
| 133171       | Aardcure BPP (BCP) – 1000L IBC | 1000L  |

## TECHNICAL SPECIFICATIONS

### TYPICAL PROPERTIES

| Property               | Value                         |
|------------------------|-------------------------------|
| Appearance             | Black liquid                  |
| Solids Content         | ~50%                          |
| pH                     | ~2.0                          |
| Viscosity              | Low to medium (sprayable)     |
| Solubility in Water    | Soluble                       |
| Flash Point            | Not applicable                |
| Application Temp Range | 10°C – 35°C                   |
| Tack-Free Time         | 2–3 hours (typical)           |
| Hard Dry Time          | 6–8 hours                     |
| Re-coatable            | Yes, after 24 hours if needed |

### APPLICATION INSTRUCTIONS

| Step        | Detail   |
|-------------|--|
| Dilution    | Apply undiluted  |
| Coverage    | ~4–6 m <sup>2</sup> /L (depending on substrate)        |
| Timing      | Apply when surface bleed water has dissipated          |
| Method      | Low-pressure spray preferred; brush or roller optional |
| Top Coating | Asphalt or bitumen overlays may follow once cured      |
| Cleanup     | Wash tools with water immediately after use            |

# Aardcure Catalyst – Concrete Durability Enhancer



## SHELF LIFE & STORAGE

- Shelf Life: 12 months in sealed containers
- Store between 5°C and 30°C
- Do not allow to freeze
- Stir before use

## SAFETY & HANDLING

- **Classification:** Non-dangerous goods
- **PPE Required:** Gloves, safety glasses, protective clothing
- **First Aid:**
  - **Skin/Eyes:** Rinse with water
  - **Inhalation:** Move to fresh air
  - **Ingestion:** Rinse mouth; seek medical attention
- **Spills:** Contain with inert absorbent, prevent runoff