

High efficiency hydrocarbon resin-based concrete curing compound

Description

Arki-cure 95 is a hydrocarbon resin based curing compound used to prevent water evaporation from the fresh applied concrete surface.

Arki-cure 95 forms a continuous film providing a barrier to prevent early water loss ensuring effective hydration of hydraulic cement and hence prevent shrinkage cracks.

Key function

Prevents premature water loss particularly on large exposed concrete surfaces e.g. highways, runways, aprons, pre-cast concrete, decks, hardstands etc.

Advantages

- ◆ Single coat, easy to apply.
- ◆ Can be easily removed.
- ◆ Reduces incidence of plastic or shrinkage cracking.
- ◆ Ensures required concrete strength achieved.

Standard compliance

Arki-Cure 95 complies with ASTM C 309 - 03 Type I Class A & Type II Class A.

Product properties

Appearance:	Yellowish clear or White liquid.
Specific gravity:	1.00 @ 23°C.
Touch dry time:	45 minutes at 23°C. 15 minutes at 35°C.

Directions for use

Pre-application

Arki-cure 95 pigmented grades should be stirred thoroughly before use, to ensure even dispersal of the pigments.

Arki-cure 95 is ready to use and should not be diluted.

Arki-cure 95 should generally be used where coatings or mortar renders will not be applied. Ideally it should be applied as soon as the form-work is removed or as soon as the free surface water has disappeared from the horizontal surfaces. Do not apply to concrete that still has bleed water on its surface. Arki-cure 95 provides a visual guide when initially applied being a white liquid on drying it forms a clear membrane or white pigmented membrane.

Arki-cure 95 can be applied by any spraying equipment.

Arki-cure 95 film should be removed prior to application of screeds or coatings.

Coverage rate

4.5 to 5.5 m²/litre.

Storage and shelf life

Arki-cure 95 should be stored in a cool area.

Arki-cure 95 has a minimum shelf life of 12 months when stored in its original unopened packaging, good warehouse conditions, and away from direct sunlight in ambient temperature of 5 – 35°C.

Packaging

20 L jerrycans
1000 L containers.
210 L steel drums.

Safety precautions

Arki-cure 95 is a flammable material. Keep away from sources of ignition. No smoking.

In the event of fire, extinguish with CO₂ or foam. Do not use water jet.

Arki-cure 95 is not classified as hazardous material under current legislations.

Unnecessary contact with the product is to be avoided and suitable gloves, goggles must be worn.

Do not dispose into water or soil. Spills and leaks must be absorbed using sand or earth and the contaminated sand and earth have to be disposed according to local regulations.

Accidental splashes of Arki-cure 95 to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

For further information, refer to the material safety data sheet.

Technical support

Arki provides assistance to its customers and gives site support, consultations and technical advice on mix designs, admixture selection and proper dispensing and storage equipment.

Additional ARKI products

Arki produces high quality products intended for use in construction activity, among these products:

- Concrete repair materials.
- Mould release agents and curing compounds.
- Adhesives and waterproofing materials.
- Flooring systems.
- Protective coatings.

Product Quality

All Arki products are manufactured under a quality management system independently certified to conform to the requirements of the international standards.



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Users should always refer to the most recent issue of the product technical data-sheet for the product concerned, copies of which will be supplied on request.
Arki products are guaranteed against defective materials and manufacture and are sold subject to Arki standard terms and conditions of sales.
Because the storage, handling and application of these products are beyond our control, we can accept no liability for the results obtained.