



Introduction

Aardcure XA Concrete Surface Retarder is a uniquely formulated liquid that retards the surface of the concrete, whilst allowing the subsurface to still harden. This unique feature allows easy removal of the treated concrete while the subsurface concrete remains hard and limits the failure of aggregate bond in the exposed concrete.

Benefits

- Ready for use with no dilution
- Totally water based
- Controlled depth of penetration
- Treated surface can be removed by stiff brush or high pressure wash
- Clean up with water
- VOC Compliant
- Surfaces treated with AARDCURE XA provides an excellent surface for bonding subsequent concrete overlays without the need for mechanical abrasion

Surface Application

AARDCURE XA is a ready to use product. Using the appropriate spray equipment, apply one consistent coat at 3- 5m² per litre (depending on concrete porosity) to the concrete surface as soon as the initial bleed water has dissipated, but before the initial "set" has occurred. If possible, protect the concrete from direct sunlight and wind as this may "dry out" the concrete surface too quickly. After approximately 3 – 14 hours the treated concrete surface can be removed by brushing or water with adequate pressure. The unique properties of AARDCURE XA allow the exposed surface of the concrete to be trafficable to foot traffic and light machinery immediately after cleaning.

Safety Information

Ensure the workplace is well ventilated before commencing application and during grinding. Always ensure proper dust extraction and suitable personal protective equipment is utilised. Sufficient eye and skin protection should be worn to avoid irritation. Refer to Material Safety Data Sheet for further safety information.

Caution

- High temperatures will reduce the retardation properties
- Accelerating admixtures will affect the retardation properties
- High cement content concrete may be more effect at the higher application rate
- ALWAYS do a test patch to confirm the required results

Dosage

The recommended dosage is 3-5m² per litre

Typical properties and application data

Appearance:	Milky white emulsion
Coverage:	5m ² per litre
Viscosity:	20 - 22 seconds (Ford #4)
Solids:	40% +/- 1%
Solubility in Water:	Totally soluble
Flash Point:	Not applicable
Solvents:	Not applicable
Shelf Life:	12 months maximum
Dry Time: Tack Free:	1 - 3 hours
Hard Dry:	4 - 8 hours
Trafficable:	24 hours
Application Temperature:	10°C - 35°C
Application By:	- Spray - Brush - Roller - Broom
Packaging:	- 205 Lt drum - 20 Lt container
UN Number:	Not applicable
Hazchem Code:	Not applicable
Packaging Group:	Not applicable
Poison Schedule:	Not applicable
Dangerous Goods Class:	Not applicable

Refer to Material Safety Data Sheet for precautions and personal protection.

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