



**AERO**<sup>TM</sup>  
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

## SAFECOTE AR (E)

Crack bridging, anti-carbonation textured protective & decorative coating for concrete masonry

### Description

SAFECOTE AR (E) is a premium quality crack bridging, anti carbonation, water based, elastomeric coating for exteriors surfaces. SAFECOTE AR (E) resistance to aggressive agents, UV rays and rain. It is available in a range of colours.

### Uses

SAFECOTE AR (E) provides a smooth decorative durable coating for concrete and masonry surfaces like big commercial buildings, public places, residential building, concrete bridges, shopping mall, schools, etc. It is suitable for use especially those in aggressive marine and coastal environments.

### Advantages

- Anti-carbonation properties
- Good weathering properties
- Excellent bond with concrete substrate
- Forms flexible film
- Crack bridging properties
- Allows substrate to breath
- Choice of colours
- Single pack, brush applied
- Non-toxic/Non-flammable
- Eco-friendly
- Excellent waterproof coating

### Instruction For Use Surface Preparation

The substrate must be clean, sound, dry, free from dust, oil, grease and laitance etc. The new concrete surface must be at least 21 days old before application of SAFECOTE AR (E).

### Priming

On old or porous surfaces, ensure that the substrate is sound and dilute 2 parts of SAFECOTE AR (E) to 1 part of water and prime the surface. When it is tacky or touch dry (i.e after 1 to 2 hours), apply SAFECOTE AR (E) on the primed surface.

### Application

Apply two full coats of SAFECOTE AR (E) to a suitably cleaned, prepared and primed substrate. SAFECOTE AR can be thinned to a maximum of 10% with clean, potable water SAFECOTE AR (E) should be applied to give a smooth uniform coating by brush or roller.

### Cleaning

Tools and equipment should be cleaned with clean potable water immediately after use.

### Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Volume Solids	minimum 60%
2	Adhesion to concrete	Good
3	Water Permeability	Nil after 24 hours
4	UV resistance	Good
5	Touch dry	2 hours at 30 °C
6	Recoatable	8 Hours at 30 °C
7	Resistance to algae & fungi	Good
8	Breathability	Breathable
9	Crack Bridging	> 250 micron
10	Permeable to CO <sub>2</sub> Sd	> 50m <sup>2</sup>

### Packing & Coverage

Packing : 1, 5, 10, 20, 35 kg. plastic bucket.  
Coverage : 3.5 to 4 m<sup>2</sup> per 1 kg pack in two coats.

### Shelf Life & Storage

SAFECOTE AR (E) has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.



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### Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008 certified.

### Health & Safety

- SAFECOTE AR (E) does not contain any hazardous substances requiring labeling.
- It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc.
- For detailed Health, Safety and Environmental recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

### OUR RANGE OF PRODUCTS



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