



# EUCO Cure AR

Multipurpose Pliolite based curing and Protective Treatment for Concrete

## DESCRIPTION

EUCO Cure AR is a non-degrading, liquid curing and protective compound for fresh or existing concrete. Based on Pliolite and Silane Siloxane Resin. The film retains moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development. It is supplied as a single component liquid which is ready for immediate on-site application and available in white and clear form. It produces a hard-wearing surface, with excellent adhesion properties; thereby also making it suitable as a primer for subsequent finishes which do not rely on penetration for substrate bond.

## PRIMARY APPLICATIONS

- Good UV and chemical resistance
- Provides a harder dust free surface.
- Abrasion resistant floors.
- Non-Degradable, acts as a primer for subsequent finishes.
- Reduces chloride penetration.
- Reduces labor cost as it is one time application.

## FEATURES / BENEFITS

- Surfaces subject to finishing treatment / coatings.
- Reduces labor cost as it is one time application
- In high rise construction to eliminate the requirement for water curing.

## TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions

PROPERTY	RESULTS
APPEARANCE	CLEAR/WHITE
CURING EFFICIENCY BS7542	75±5%
DENSITY, G/CC ASTM D 1475	0.85±0.05

Standards ASTM C309 Type1 & 2 Class B and BS 7542

## SHELF LIFE

1 Year when stored in warehouse condition below 35°.

## PACKAGING / YIELD

20 and 200 Litres.

## DIRECTIONS FOR USE

### Application:

EUCO Cure AR should be gently stirred immediately prior to use to ensure uniformity of the material as applied. Application to freshly placed concrete should not begin until the surface is free from water and should not commence at all if bleed water is apparent. EUCO Cure AR should be applied as soon as practically possible after removal of shuttering, and whilst the concrete surface is still damp. However, any traces of laitance, grout runs, or loose material should be removed.

EUCO Cure AR should be applied uniformly by brush, roller or spray, with no overlap of applications. Under standard site conditions, a single coat of EUCO Cure AR applied at a uniform rate of 5m<sup>2</sup> per litre, will meet ASTM C309 curing requirements. The applied film should not be trafficked until fully dry, and care should be taken to ensure that the film is not broken.

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