



# A934 Modocote Two Pack Water Borne Epoxy Coating

## PRODUCT DESCRIPTION & USES

**A934 Modocote** is a two pack water borne epoxy coating designed for use on concrete, concrete block, fibrous cement and cement plaster walls and floors.

## PRODUCT FEATURES

- MAF approved
- Can be applied over damp, clean substrates
- Zero VOC emissions
- Penetrates and locks on to concrete
- Stops rising damp and hydrostatic pressure
- Can be over-coated with two pack urethanes
- Water based ease of clean and use

## TECHNICAL DATA

Gloss Level	55-75% at 60° (Semigloss)
Primer	Not applicable
Wash Up	Hot soapy water
Colour	White. May be factory tinted to most colours.
Pack Size	2L, 8L
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years.
Toxicity	Non hazardous waterborne paint formulated without added lead or mercury.
VOC content	0g/L for white as per EC-07-07 and APAS definition of Volatile Organic Compound. Tinted colours may have a higher VOC loading.
Volume Solids	52% for white when mixed.
Wet Film Thickness	125µ per coat
Dry Film Thickness	65µ per coat
Coverage	8m <sup>2</sup> /L depending on surface texture, porosity and method of application.

## SUBSTRATE PREPARATION INSTRUCTIONS

**New Concrete:** Acid etch to remove cement laitance, remove etch with copious quantities of water. Water or wet sand blast if necessary. Ensure all dirt and loose material is removed so that the **A934 Modocote** can be applied to a clean rocky base. Ensure that curing membranes are removed.

**New Concrete Floors:** Not suitable for overcoating post applied surface conditioners. Remove all surface conditioners or curing compounds before applying **A934 Modocote**.

**New Concrete Tilt Slabs:** Remove release agents completely before using Modocote.

**Fat, Oil & Grease Contaminated Walls & Floors:** Scrub the surface with **A926 Chemical Degreaser** twice, using high pressure hot water blasting between applications. Thoroughly rinse off before applying **A934 Modocote**.

**Existing Coatings Note:** The effective adhesion of **A934 Modocote** is limited by the presence of previous coatings. To obtain maximum adhesion direct to the substrate remove all existing coatings. If applying over existing coatings ensure the film is sound, degreased and sanded back to a matt finish with coarse paper.

When overcoating existing coatings, ensure no hydrostatic pressure is present in the substrate. Failure to identify this can lead to complete failure of the coating system.

**Fibre Cement Boards. Concrete Blocks:** Remove all dirt, dust, loose mortar etc, ensure the surface is clean and free of contaminants.

**Damp Protection:** When damp or seepage exists in concrete floors or walls **A934 Modocote** can be used as a sealer, provided it is applied directly to the substrate i.e. remove any existing coating prior to the application of two coats at 8m<sup>2</sup>/L. Allow overnight dry between coats for best results.

## Application Details:

Apply the specified number of coats at 8m<sup>2</sup>/L per coat.

For interior use apply three coats.

Date Issued: 23 June 2011; Reason for Issue: Reformat; Version: 3.0; Replaces Version: 2.1; Page 1 of 2

**NOTE:** The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.



## A934 Modocote Two Pack Water Borne Epoxy Coating

If coating is exposed to direct sunlight or for exterior use two coats of **A934 Modocote** should be applied followed by one coat of **A790 Corroless RF60s**.

For Damp Proofing prior to the application of another flooring surface two coats of **A934 Modocote** should be applied to a well prepared bare concrete surface.

**Mixing Ratio:** Pack A (Base) 1:1 Pack B (Hardener) by volume. Always measure the volume of each material accurately. Note: Accurate mixing of base and hardener ensures consistency of colour and cure. Only mix enough material for 1.5 hours use.

**Pot life:** 1.5 hours. Allow mixed product to stand for five minutes before using. Use all mixed product within 1.5 hours. Do not use after this time even if the product is still liquid.

### RECOMMENDED APPLICATION METHODS AND TECHNIQUES

Minimum Surface Temperature: 10°C

Maximum Relative Humidity: 70%

Application Temperature Range: 10°C – 35°C

Application Method: Brush and Roller

Note: Under most circumstances this product is applied best by brush or roller. Always allow the mixed product to stand for five minutes before using.

Thinners: N/A

Max. Volume Thinners: Do not thin

Cleaning Solvent: Hot soapy water

Nozzle Orifice: N/A

Fan Angle: N/A

Nozzle Pressure: N/A

### DRYING CHARACTERISTICS

All figures quoted are at 20°C and 60% relative humidity.

Drying will take longer at lower temperatures and/or at higher relative humidity.

Do not paint when temperature of surface is below 5°C, above 35°C or when humidity is very high.

Do not apply when rain or dew is expected within 4 hours.

Touch dry: 4 hours

Dry to Handle: 8 hours

Full cure: 24 hours

Overcoating - Allow overnight drying between coats or a minimum of 4 - 6 hours at 20°C. Can be overcoated with 2K urethane or epoxy finishes providing the coating has been allowed to cure for a minimum of 8 - 12 hours. When overcoating aged material lightly sand surface and thoroughly degrease.

### HEALTH & SAFETY

Water based, non-flammable, non-hazardous. Wash off with clean water when in contact with skin as the product may cause dermatitis. Take normal precautions for handling epoxy resins i.e. avoid contact with skin. Refer MSDS for detailed safety instructions.

Date Issued: 23 June 2011; Reason for Issue: Reformat; Version: 3.0; Replaces Version: 2.1; Page 2 of 2

**NOTE:** The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.