

**THE ALTEX  
PAINT SHOP**

# Bare Block and Concrete Paint Coating System

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**SYSTEM 2  
Cowshed Walls & Floors etc**



Hard wearing, heavy duty coatings to protect against corrosion, heat, abrasion and chemical attack. Brought to you by Altex Coatings Ltd.

[www.thealtexpaintshop.com](http://www.thealtexpaintshop.com)

## 1. Cleaning and Surface Preparation

Clean: Firstly all block wall/concrete surfaces must be clean and dry. If it is a surface that the cows rub up against, or it has residues of cow manure on it, then you will need to use our biodegradable cleaner, P40.

Mix 1 part P40 with 3 parts water, and apply to the surface, scrub to clean and then rinse off thoroughly. You will need lots of water to rinse! Don't let the cleaning solution dry off onto the surface, only apply to an area you can scrub and rinse without it drying. Once you have finished cleaning, allow the substrate to dry.

Note: If conditions allow, you can acid etch using hydrochloric acid. Follow the manufacturers instructions and NEVER add the water to the acid, add acid to the water. This step can be incorporated after you have cleaned with the P40, while the concrete is still wet. Make sure you rinse thoroughly and allow to dry.

Make sure any sharp edges on the mortar, between the blocks, is removed. You can do this with a trowel edge, just scrape along the mortar edge to remove.

*The following is a standard system used extensively throughout New Zealand but every job is different. This system can be changed around to best suit your project. Please talk to one of our Technical or Shop Staff members to customise to your needs.*

## 2. Carbomastic® 615

**Seal Coat**  
4:1 Mix Ratio

Carbomastic 615 is a versatile two pot epoxy, surface tolerant to dampness in concrete and will cure down to -2°C, an ideal product for winter conditions! By thinning the first coat up to 40% you will be able to use this as your seal coat. Ideally you want your seal coat to penetrate the block or concrete and not "sit on top".

Measure out 4 parts of base to 1 part of the converter (hardener).

Mix this thoroughly and set aside (somewhere warm) while you get your painting gear ready. Your mix has a pot life of approx 2-3 hours, and then it will start to get thick and harden. So only mix what you will use in that time.

For your seal coat, you will need to thin the Carbomastic 615 approx 30-40% with Altex Thinner #25 thinner. Add the thinner to your mix and stir in well.

*Note: if using any filler, make sure it is epoxy filler, NOT water-based.*

## 2. Carbomastic® 615

### Surface Tolerant Epoxy

Up to 2 coats  
4:1 Mix Ratio

Now you will start to “build” your coating. Additional coats of Carbomastic 615 are now applied to the sealed surface. These coats are only thinned approx 5-10% with Altex Thinner #25.

- Apply up to two full coats, allowing a day between coats.
- Once you are satisfied that the surface is well primed and sealed, with no “bug holes” or missed areas, allow the final coat of Carbomastic 615 to cure for 18-24hrs before applying the high gloss top coat.

## 4. E~Line 949

### High Gloss Top Coats (2)

8:1 Mix Ratio

E~Line 949 is a fast curing, hard finish top coat ideal for application in winter months.

Note: This is a different mix ratio than the previous coatings

1. Mix 8 parts of base colour to 1 part converter (hardener), mix thoroughly and set aside in a warm area while you get your painting gear ready.
2. Once mixed, the pot life is approximately 6 hours with thinning. For brushing and rolling, thin approximately 10% with Altex Thinner #25 (for ease of application).
3. **IMPORTANT:**

If Easy~Clean SX additive has been recommended, add to the FINAL coat only of E~Line 949. After you have measured the base and converter of the E~Line 949 (4.5lt mix), add 500mls of Easy~Clean SX and mix in thoroughly. Once again, this additive is for the final top coat only. *NOTE: Easy~Clean SX additive is NOT a brush cleaner.*



**\*Let this whole system cure for at least 7 days before washing with chemicals and high pressure hosing.**

**Points to remember:**

- All two pot paints have a “pot life”, look for this in the datasheet.
- Only mix what you can apply within the “pot life”.
- Read the labels! Make sure you are mixing the right base with the right converter (hardener).
- Make sure you wear gloves and protective gear.
- In winter conditions try to warm the block or concrete, eg. wait until the sun warms it or you can use Halogen lights on a stand to warm the block work. If unable to warm substrate, warm the paint by sitting it in a bucket of hot water, being careful not to contaminate the paint in the water.
- Take your time and plan how to go about you project.
- Once paint left-overs have hardened, they can be disposed of with your normal rubbish.

**Altex Coatings Ltd manufactures heavy duty industrial and marine paints for the New Zealand and Australian markets. With over 60 years experience, we have systems and coatings to address challenging environments in most industries.**

Utilising the latest technology, our hard wearing paints are designed to protect your shed, making cleaning and maintenance easier. Made in New Zealand for New Zealand conditions, these paints comply with the required hygiene standards for coatings in the dairy industry. For any further advice, please call our friendly technical team who will happily discuss all your painting requirements with practical advice.

## THE ALTEX PAINT SHOP LOCATIONS

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<b>CHRISTCHURCH</b>	10D Craft Place, Middleton	Ph: 03 335 0673
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**0800 258 390**

## Technical Helpline

We have a great Technical team available who will happily discuss all your painting requirements with practical advice. Our Factory Shop staff are dedicated to making sure you receive top service and information.