

**THE ALTEX
PAINT SHOP**

Steel & Galvanised Surfaces Paint Coating System

**SYSTEM 1
Cowshed & Farm Equipment**



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

www.thealtexpaintshop.com

1. Cleaning and Surface Preparation

All surfaces must be clean and dry. We recommend using Altex P40 biodegradable cleaner to degrease surfaces.

Clean: Mix 1 part P40 with a minimum 3 parts water and apply to surface, but do not let it dry before rinsing. Scrub to clean then rinse off thoroughly (this will require quite a bit of rinsing water) no cleaning residue should be left on the surface. Surfaces should be “squeaky” clean when you have finished. Allow to dry.

Sand: Abrade existing paintwork and any exposed steel/galvanising with 60-80 grit sandpaper to remove all loose material. Any residual paint should be well adhered and feathered back to a smooth edge. If there is existing rust, consult with Altex for the most suitable rust sealer for your project, before continuing.

Once abraded, the bare steel or galvanising should be bright metal finish with a clearly discernible surface profile (rough surface not polished).

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. Carboguard® 504

Primer
4:1 Mix Ratio

Carboguard 504 is a two pot multi-purpose primer (buff colour) renowned for its adhesion and anti-corrosive properties. You can paint this over virtually everything you want to top coat.

1. Measure 4 parts of base to 1 part converter (hardener). Mix thoroughly and set aside in a warm spot while you assemble your painting gear.
2. When using a brush or roller, thin the Carboguard 504 approx 10-15% with Altex Thinner #25 for ease of application. Add this to your mix and stir in well. Your mix has a pot life of approx 10 hours, and then it will start to thicken and finally harden, so mix only what you will be able to apply within that pot life time.
3. Avoid excessive re-brushing or rolling. Apply enough product to cover the substrate evenly and allow to cure.

Note: If using filler over this, make sure it is an epoxy filler, NOT waterbased.

2. Carbomastic® 615

Surface Tolerant Epoxy

Up to 2 coats

4:1 Mix Ratio

In winter conditions, allow a day for the Carboguard 504 to cure before applying Carbomastic 615. This versatile low temperature cure epoxy will give an added layer of anticorrosive protection and substance to your system.

1. Measure 4 parts base to 1 part converter (hardener), mix thoroughly. This is a much thicker high solids product than the primer.
2. Once mixed, the pot life is approx 2-3 hours (with thinning). For brushing and rolling thin approx 5-10% with Altex Thinner #25 for ease of application. If requiring a second coat wait until the next day to apply.
3. Repeat steps 1-2 for a second coat if required.
4. Allow the final coat of Carboguard 615 to cure for 18-24 hours 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

AUCKLAND	68 Patiki Road, Avondale	Ph: 09 828 3422
TAURANGA	91-111 Oropi Road, Greerton	Ph: 07 541 1955
NELSON	79 Vickerman Street, Port Nelson	Ph: 03 546 8375
CHRISTCHURCH	10D Craft Place, Middleton	Ph: 03 335 0673
DUNEDIN	4 Mason Street, City Centre	Ph: 03 474 1890

www.thealtexpaintshop.com



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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.