

FEATURES

Advantages:

- Can be used as a finish coat on a wide variety of primers, including Altex Coatings high performance two pack primers.
- Self priming on steel
- Can be applied to suitable prepared Galvanised steel or concrete
- Can be built to 125 microns DFT
- Quick dry - even at low temperatures
- Good resistance to inorganic acids, salt solutions, alkalis and gases
- Excellent adhesion to aged chlorinated rubber coatings
- Excellent recoatability, even after years of weathering
- Excellent colour retention
- Resists excessive chalking

Limitations of Use:

- Not recommended for solvent exposure or immersion

RECOMMENDED USES

Chem~Bar™ 900 is specifically formulated to protect metal or masonry surfaces exposed to weather, water or chemicals.

Chem~Bar™ 900 may be used to protect structural steel, tanks, pipes and equipment in the following:

- Pulp and Paper Industry
- Chemical Process Industry
- Sewage and Waste Water Plants
- Water Tanks
- Refineries
- Fertiliser Plants
- Marine Installations
- Bridges
- Power Projects
- Containers
- Shipping

SPECIFICATION DATA

Coating Type:	Vinyl Acrylic
Colour:	AS2700, 844 and BS5252 colours
Packaging:	1 litre, 4 litre and 20 litre
Mix Ratio:	n/a
Gloss:	Low sheen
Flash Point:	24 °C Setaflash
Thinner:	X-100 Thinner
Pot Life:	n/a
Induction Time:	n/a
Shelf Life:	12 months

Density: 1.47 kg per litre

VOC:

Temperature Resistance: 70 °C dry

Volume solids: 45 %

Theoretical Coverage Rate:

9.0 sq. metres per litre at 50 microns dry

Recommended Film Thickness Per Coat:

111 microns wet to obtain 50 microns dry

Application: Spray, Brush or Roller

Dry Times (50um DFT / 50% RH):

Recoat – minimum:	5°C	15°C	25°C	30°C
Self	12 hrs	6 hrs	4 hrs	3 hrs

Recoat – maximum:	5°C	15°C	25°C	30°C
Self	n/a	n/a	n/a	n/a

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 solvent cleaning. Surface defects revealed by the preparation process, should be ground, filled, or treated in the appropriate manner. Clean to remove all grit dust and debris and ensure the surface is dry.

Steel Surfaces:

Abrasive blast to AS1627.4 Class 2 ½ to achieve a uniform blast profile between 38 to 63 microns and be of a jagged nature as opposed to a peen pattern. A lesser degree of cleaning will reduce the service life of the coating. Apply primer coat to the cleaned surface to prevent re-rusting or contamination.

Galvanised Steel and Electrodepositing Zinc Surfaces:

All traces of dichromate passivation must be removed. Sweep abrasive blast with non metallic media or thoroughly sand with synthetic scouring pad to provide a uniform roughened finish.

Suitable Primers:

Chem-Bar™ 900 is designed to be applied to suitably prepared surfaces primed with one of the following compatible primers.

Mild Steel:

Altra-Build®, Altra-Etch®, Altra-Prime®, Altra-Shield®, Altra-Zinc® coatings

Aluminium and Galvanising:

Altra-Bond®, Altra-Etch®, Altra-Prime®, Altra-Shield®

Timber:

Altra-Build®, Altra-Prime®, Altra-Shield®, Everseal, Altra-Lock® 577.

GRP/ Epoxy Laminate:

Altra-Build®, Altra-Prime®, Altra-Shield.

Concrete:

Altra-Build®, Altra-Etch®, Altra-Prime®, Altra-Shield®, Altra-Lock® 577.

DIRECTIONS FOR USE

Mixing:

The entire contents of the container must be thoroughly mixed with mechanical agitation to a homogeneous condition prior to application.

Thinning:

Thinning maybe required to assist application. Any solvent addition should be made after the component is thoroughly mixed. Excessive thinning can cause low film thickness and coating defects.

Clean-up:

Use X-100 thinner

Application:

The preferred method of application Chem-Bar™ 900 is spray. Small areas may be brushed, however care must be taken to ensure that the correct film thickness is obtained.

Suggested spray equipment is:

Air Spray	Binks - Type 2001 gun; 66SS Fluid Nozzle; 63PB Air Nozzle De Vilbiss - JGA gun, E Fluid Nozzle, 704 Air Nozzle
Airless Spray	Binks - B10-42 pump; Airless 1 gun. Graco - 45:1/63:1 pump; Silver gun, 0.018" RAC IV tip.

Note: Other equipment equivalent to the above may be used.

PRECAUTIONS

For industrial use only.
See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Chem-Bar™ 900 is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation.
May cause eye and skin irritation.
Do not breathe vapour or spray.
Wear suitable protective clothing such as gloves and eye and face protection.

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