



ANCHOR INDUSTRIAL ETCH PRIMER

PRODUCT DESCRIPTION:

Anchor Industrial Etch Primer is a single pack chromate free epoxy rich etch primer formulated to provide outstanding adhesion and protection for all types of ferrous and non ferrous substrates. It provides excellent adhesion, fast drying time and sandable after a very short period of drying. May be used a conventional primer at normal film build or as a high adhesion etch primer when thinned and applied as a fine mist coat.

May be overcoated with most paint systems including quick dry enamel, acrylic lacquer, nitrocellulose lacquers, epoxies, polyurethane, epoxy enamels, acrylic urethanes and 2 pack iso free finishes.

APPLICATIONS: Suitable for substrates such as mild steel, aluminium, zincalume, galvanized iron, chrome, copper brass, stainless steel and other metal alloys.

SURFACE PREPARATION: Anchor Industrial Etch Primer to function effectively it must be in direct contact with the metal surface. Remove any traces of grease, oil and dirt residue by wiping Pacer P08 Wax & Grease remover across the entire surface. Sand the metal surface by either wire brushing or mechanical sander to remove any traces of rust and rough texture. Wipe the surface clean to remove metal filings that may have been generated during the sanding operation. Allow the surface to dry thoroughly.

STEEL: Remove rust, solder and other loose material with grinder, wire brush and mechanical sander. Treat residual rust with a phosphoric acid rust remover. Ensure surface is rinsed and dried prior to applying Anchor Industrial Etch primer.

GALVANISED STEEL: Degrease surface while abrading the surface with a coarse abrasive pad. Abrade new and shiny surfaces until all shine is removed. Abrade to remove all surface corrosion, tough grime and short term protective coatings. Rinse with Pacer P08 wax & grease remover.

ALUMINIUM: Thorough surface preparation is crucial with aluminium. Round off all sharp edges and corners. Remove weld spatter and grind welds smooth. Clean and degrease with wax and grease remover making sure rags are changed often to avoid recontamination of the surface. Abrade surface using 80-120 grit wet and dry or coarse abrasive pad. Rinse with Pacer P08 wax & grease remover.

STAINLESS STEEL: Clean and degrease with wax and grease remover while abrading the surface with a coarse abrasive pad. Abrade new or shiny surfaces until the shine is removed. Wash again with Pacer P08 Wax & Grease remover.

Note: Some surfaces require specific treatments eg there are different grades of galvanised steel with varying surface treatments. Some have short term protection imparted by a light oil film, others by a polymer film which will not take an etch primer direct. Metal producers issue specifications that may include different grades of metal. It is important to consult these guides before issuing paint specifications especially for larger projects.

IT IS THE RESPONSIBILITY OF THE USER TO TEST THIS PRODUCT TO ENSURE ITS SUITABILITY FOR THE INTENDED USE.

DIRECTIONS:

1. Stir thoroughly before and during use. Surface temperature must always be a minimum of 3°C above dew point.
2. Apply one coat followed by one or two even full coats. Avoid heavy wet coats. Thin 10-30% Pacer F57 All purpose thinner.
3. If required wet sand with P600-P800 before applying finish coat or dry Sand with P400- P500 using an orbital sander.



TECHNICAL DATA SHEET



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SPRAY: Spray Viscosity @25°C

BSB - 4 Cup: 18-20s Ford - 4 Cup 16-17s

GUN TYPE	FLUID TIP	SPRAY PRESSURE	SPRAY DISTANCE
GRAVITY FEED	1.5-1.8mm	200-240 kPa 2.0-2.4 bar 30.-35 psi	15-20 cm
SUCTION FEED	1.5-1.8mm	200-240 kPa 2.0-2.4 bar 30.-35 psi	15-20 cm
HVLP	1.5-1.8mm	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm

DRYING TIMES: at 25°C > 50% RH

FLASH OFF TIME: 3-5 MINS

RECOAT: 10 MINS WET ON WET

HARD DRY: 60 MINS

Allow longer drying during cold conditions or at temperatures below 15°C. Ideally apply between 15-30°C temperature range.

COVERAGE: approximately 5m² per litre @recommended 40-50µm DFT - Variations can occur dependent on film thickness, spraying technique & atmospheric conditions.

CLEAN UP: Pacer F57 All Purpose Thinner

PACK SIZE: 1L, 4L, 20L

TECHNICAL DATA:

Paint Type: 1K epoxy modified PVB (poly vinyl butyral)

Colours: Grey and Black

Gloss: less than 5 on 60° head gloss meter.

Volume Solids: Range >11% for all colours.

DISCLAIMER:

CW Brands Pty Ltd believes that the information in this technical data sheet is an accurate description of the typical uses of the product. The data and statements are based on our research and development work and is to the best of our knowledge true and accurate. The user must ensure suitability of the product(s) in their application prior to use in particular to determine its performance, efficiency and safety. The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Products conform solely to the information contained in this and other related CW Brands Pty Ltd publications.

CW Brands Pty Ltd reserves the right to make changes to specifications and information related to the products at any time. Users are asked to check that the literature in their possession is the latest issue. Statements contained herein should not be considered as a warranty of any kind, expressed or implied in describing the performance or suitability of the product for a particular application. No liability is accepted for infringement of any patents or any other intellectual property right.

Specific Gravity: 0.92 – 0.95 for all colours.

Heat resistance: Stable up to 160°C.

Water Resistance: Excellent for splash resistance.

Not recommended for submergence exposure.

STORAGE: Store away from sources of ignition, naked flames and direct path of sun and preferably in temperatures range 15°C to 30°C. When stored as specified the product has shelf life of two (2) years minimum.

DURABILITY: Anchor Industrial Etch Primer alone can resist weathering elements up to 5 months but ideally should be overcoated within 3 months of application. It has excellent weathering resistance when top coated with durable top coats. The ultimate durability is dependent on the type of top coat. It has excellent heat and abrasion resistance.

HEALTH AND SAFETY: Highly flammable, do not use near fire or open flame. Store in a cool place and out of direct path of the sun. Keep Out Of Reach Of Children. If swallowed seek medical advice immediately or contact the Poisons Information Center on 13 11 26. Spills and leaks can be contained with absorbent material such as sand, earth or saw dust. Dispose of waste products thoughtfully or through Chemical Waste Disposal Authority.

FIRST AID: Please refer to Safety Data Sheet available at www.cwbrands.com.au