



ANCHOR SHIELD EPOXY ENAMEL

PRODUCT DESCRIPTION:

Anchor Shield Rust Coat Epoxy Enamel is a premium quality, high durability rust inhibiting topcoat with excellent adhesion and abrasion resistance designed to be applied directly onto properly prepared steel surfaces without the aid of a primer. It has excellent resistance against rust and resists the penetration of corrosive elements.

APPLICATIONS: It is ideal for use on a variety of steel surfaces including metal fences, roofs, doors, gutters, downpipes, windows, workshop machinery, railing and gates.

SURFACE PREPARATION: The surface must be thoroughly cleaned and free from grease, rust, wax, dirt, dust and oil. Remove all traces of rust by wire brushing or mechanical sander until sound metal surface is achieved. Remove dust and iron filings that may have been generated during the sanding operation. Wipe the surface clean with Pacer P08 Wax & Grease remover and a rag. Allow the surface to dry thoroughly.

No primer is required when applied onto ferrous surfaces such as mild and heavy gauge steel. Non-ferrous surfaces such as aluminum and galvanized iron should be primed with the appropriate etch primer. Timber and masonry should be sealed and primed with the appropriate timber primer with a good resistance to tannin bleed. If in doubt of the nature of the substrate it is best to test suitability of this product by conducting tests on a small area at first prior to starting larger applications.

DIRECTIONS: Stir the contents with a broad flat paddle for about 2 minutes to ensure contents are thoroughly mixed. Cover nearby areas to protect from spillage or overspray. Apply 2 coats on properly prepared surfaces allowing sufficient drying time between coats. If necessary apply additional coats until coverage is achieved.

BRUSH APPLICATION: may be thinned up to 5% with mineral turpentine to adjust the viscosity

SPRAY APPLICATION: May be thinned up to 15% with Pacer F51 enamel thinner or mineral turpentine

AIR ATOMIZED SPRAY GUN: Normal air pressures required are in the range 45-90psi and paint can be applied at pressure in the range of 8-30 psi at a distance

of 20-30cm to prevent dry spray. If paint is applied too thin then increase fluid pressure and reduce air pressure. If applied too heavy or the paint has poor atomization (orange peel) or the finish is showing solvent popping then decrease fluid pressure. If cratering or fish eyes are present in the applied finish this may be due to either oil coming from the airline and getting into the paint during application or the pump used to deliver the paint is leaking oil into the paint. If the gun is spitting paint on the surface then the gun is dirty and requires cleaning.

AIRLESS SPRAY: Paint can be applied at pressures in the range of 800-3000 psi and a distance of 20-30cm to prevent dry spray. An orifice opening of 0.022-0.0063cm will provide a fan width of 10-30cm. If the paint is applied too thin then increase the fluid pressure. If applied too heavy and paint is runny or the finish is showing solvent popping then decrease fluid pressure and/or decrease the fluid tip orifice size so less paint gets through. If orange peel is present in the finish then decrease the fluid tip orifice size for better atomization. If cratering or fish eyes are present in the applied finish this maybe due to either airborne contaminants getting into the paint during the application or the pump used to deliver the paint is leaking oil into the paint. If the gun is spitting paint onto the surface then the gun is dirty and requires cleaning.

DRYING TIMES: at 25°C < 80% RH

TOUCH DRY: 8 HOURS

RECOAT: 16 HOURS OR OVERNIGHT

FULL CURE: 3-4 DAYS

Allow longer drying during cold winter conditions. It is best to apply at temperatures in the range of 15-30°C





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COVERAGE: Approximately 10-12m² per litre. Coverage is also dependent on film thickness, atmospheric conditions and application technique.

CLEAN UP: After use clean up all equipment with Pacer F51 enamel thinner, Pacer F57 All Purpose Thinner or mineral turpentine.

PACK SIZE: 500ml, 1L, 4L

TECHNICAL DATA:

Paint type: Epoxy enamel

Colours : Black, Satin Black, Matt Black, White, Red, Blue, Golden Yellow, Pewter Grey, Brunswick Green and Silver

Gloss level: High gloss (satin & matt in Black)

Volume Solids: Range 14% to 44% for all colours

Specific gravity: 0.9-1.2 for all colours

Heat resistance: stable up to 120°C

Water resistance - excellent.

Not recommended for submergence exposure.

STORAGE: Store away from sources of ignition, naked flames and direct path of sun preferably in temperatures ranging between 15°C - 30°C. When stored as specified the product has a shelf life of 2 years minimum.

HEALTH AND SAFETY: Highly flammable, do not use near fire or open flame. Store in a cool dry place and out of the direct path of sun. Keep containers tightly sealed when not in use. Dispose of waste products thoughtfully or through a Chemical Waste Disposal Authority.

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.

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