

DESCRIPTION

CAMPER GUARD PRIMER COAT PC70™ is an aqueous 2-pack epoxy primer system that provides extra adhesion. It has been formulated to inhibit rust and corrosion for the protection of metal surfaces and is specifically designed for use as primer under Durable Surface Coatings Camper Guard over coat systems. CAMPER GUARD PRIMER COAT PC70™ contains maximum anti-corrosive properties for ferrous substrates such as steel and galvanised steel.

FEATURES & ADVANTAGES

- Excellent adhesion to metals
- Water based two-pack system
- Excellent corrosion resistance
- Overcoat with water based and solvent based top coats
- Weather resilience
- Quick drying
- Low odour
- Easy to apply
- Long pot life

RECOMMENDED USE

- Caravan Roofs
- Motorhome Roofs
- Camper Roofs
- RVs Roofs
- Truck Roofs
- Bus Roofs
- Trailer Roof & Panels
- Composite Materials
- Steel
- Metal Sheeting

TECHNICAL DATA & CHARACTERISTICS

APPEARANCE	Liquid
COLOUR	N/A
VOLUME SOLIDS	68 %
FINISH	N/A
COVERAGE	8 – 10m ²
MIX RATIO	10 : 6 (10 Parts A to 6 Parts B) by Weight
PACK SIZES	2.5L Kit and 4.5L Kit
SPECIFIC GRAVITY	Part A 1.56 kg/l Part B 1.28 kg/l
POT LIFE	60 – 120 minutes
DRYING TIME	2 – 4 hours @ 25°C
RECOAT TIME	2 – 48 hours @ 25°C
FULL CURE	5 days @ 25°C
SHELF LIFE	12 months, if properly stored in original unopened containers at temperatures between 10° C and 30°C, away from sunlight.

* The pot life time depends on climatic conditions and temperatures.

** Drying times generally depend on air circulation, temperature, film thickness, and application methods. The figures given above are typical with good ventilation, typical film thickness and single coat application.

SURFACE PREPARATION

All surface preparations have to be carried out to Australian Standard or International Standard.

Surface to be treated must be structurally sound. All defective surface areas have to be repaired prior to coating application.

In general, surface to be treated **MUST** be clean and free of all traces of dirt, oil, grease, salts, old coatings, and any other contaminants. Rust and flaking paint must be completely removed with a wire brush, mechanical sander or by abrasive blasting prior to primer application. Composite materials have to be prepared via mechanical sanding accordingly for adhesion.

Always check if all traces of oil and other contaminations have been completely removed prior coating application.

For more detailed information, see following standard codes of practice, guides and techniques:

ASTM D4285 Test method for indicating oil or water compresses air

ASTM D7396-14 (2020) Standard Guide for preparation of new, continuous zinc-coated (galvanized) steel surfaces for painting

ISO 8501 Visual assessment of surface cleanliness

ISO 8501-1:2007 Preparation of steel substrates before application paints and related products

ISO 8502 Tests for the assessment of surface cleanliness

ISO 8503 Surface roughness characteristics of blast cleaned steel substrates

All ASTM and ISO standards mentioned above are suggestions and are to be used as a guide only; it is **NOT** a specification. There might be other guidelines which apply, depending on your surface material, Australian specific or international standard practice codes.

APPLICATION & GUIDELINES**Mixing**

First thoroughly stir the Camper Guard Prime Coat PC70™ Part A and Part B separately ONLY to properly disperse all components. Add Part B into Part A and thoroughly mix with a mechanical mixer. Always mix full pack kit sizes to avoid incorrect measure of ratio. Mix ratio 10 Parts A to 6 Parts B by weight.

Application

In general, surface to be treated MUST be clean and free of all traces of dirt, oil, grease, salts, old coatings, and any other contaminants. Rust and flaking paint must be completely removed with a wire brush or mechanical sander prior to primer application. Composite materials have to be prepared via mechanically sanding accordingly for adhesion.

One liberal coat at 8-10m²/L as minimum recommended. Use a brush, roller or spray to apply the product. If a second coat is desired, the second coat has to be applied within 24 hours of the application of the first coat to ensure the second coat will bite into the first coat. If 24 hours time has been exceeded, the first coat has to be sanded prior to application of the second coat to ensure a sound adhesion between coats.

Do NOT use Camper Guard Prime Coat PC70™ after exceeding the pot life. Mixed batch will be still liquid but does not provide an appropriate adhesion anymore. Discard all leftover material. Do NOT pour mixed unused material back into the original containers as this will cause the whole material to expire within the drum.

Curing Times

Pot Life: 1-2 hours. Dry Times: 2-4 hours, Recoat window: 2-48 hours, Full cure: 5 days. Allow coating to cure for at least 24 hours before subjecting to open environment and at least 5 days for full cure. The pot life time depends on climatic conditions and temperatures. All drying times depend on climatic conditions, temperatures, film thickness, ventilation, humidity, and application methods.

All curing times mentioned in this TDS are based on temperatures of 25°C. Lower temperatures will extend curing times. If the temperature in your region is 12.5°C, all curing times will double e.g. full cure will be approximately 14 days or longer. DCC does not recommend epoxy application when temperatures are below 10°C as the epoxy goes into B-staging (the epoxy stops curing).

Cleaning

Clean all equipment immediately after use with water.

Coating Maintenance

In general dirt, dust, contaminants, and excessive wear and tear will shorten the life of coating. Keep these areas clean and free from such pollutants and avoid excessive wear and tear. Clean coating regularly with warm mild detergent water up to 60°C and rinse with clean water. Do not use abrasive brushes, scouring pads or solvent to clean the coated surface.

Compatibility & Suitability

Do NOT mix this product or use this product in combination with any other products or brands. Due to the differences in substrates, material and site conditions, and environmental surrounds, the applicator holds whole responsibility for checking the products suitability for its intended purpose prior to application. Only products of the same brand/system should be used in combination as a system.

PRECAUTIONS

For professional use only. Safety Data Sheets and Technical Data Sheets must be read before using and opening this product. Keep out of reach of children. Always wear personal protective equipment (PPE) when handling this product. Keep away from heat and flame. No smoking. Provide adequate ventilation. For more details refer to safety data sheet (SDS).

Do not apply if the air or surface temperature is below 10°C, or if the temperatures are subject to drop below 10°C during applying, or after application within the curing time.

Camper Guard Prime Coat PC70™ reduces, rather than eliminates, the generation of rust and its subsequent spreading.

Do not apply if surface is subjected to unusually high temperatures above ambient temperature.

Do not apply if the surface temperature is over 30°C, or if the surface temperature is subject to raise above 30°C during applying, or after application within the curing time, or if relative humidity is suspected to become above 85%.

Do not apply if substrate is subject to rain or moisture, and protect surface for at least 24 hours against any water impact, or moisture after application within the curing time. Do not use any product past its pot life. Store locked up, in a cool, dry, well ventilated place, away from sunlight, between 10°C and 30°C. Keep container tightly closed.

DISCLAIMER

Do not apply this product if there is uncertainty about application or surface preparation. This Technical Data Sheet is to be used as a guide only; it is NOT a specification. Durable Surface Coatings Pty Ltd has no control over the use or storage of this product and therefore does not accept liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice, therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesman and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. Due to differences in substrates, application methods and local conditions purchasers of these products must ensure that it is suitable for their specific application before using these products. While the information contained in the TDS and SDS is accurate to the best of our knowledge, Durable Surface Coatings Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the Company's liability in relation to defective product shall be limited to replacement of the product, proving the product to be defective. Durable Concrete Coatings Pty Ltd all terms and conditions apply.

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