

DESCRIPTION

Camper Guard Base Coat BC100™ is the latest technology of a highly flexible UV stable coating, providing superior weatherproofing protection. The system will outlast any other acrylic coating or waterproofing membrane due to its unique and high-quality feature of the 3D cross-linking properties. Camper Guard Base Coat BC100™ has been developed for applications on rooftops such as caravans, RVs, motorhomes, campers, trucks, buses, trailers as well as composite materials providing the substrate with a seamless and impermeable barrier, whilst also providing corrosion protection.

FEATURES & ADVANTAGES

- UV stable
- Non-yellowing
- Highly flexible
- Superior weatherproofing
- High durability
- Impermeable barrier
- High corrosion protectant
- Excellent water & chemical resistance

RECOMMENDED USE¹

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

¹ Recommended use only in conjunction with Camper Guard Primer Coat PC70™.

TECHNICAL DATA & CHARACTERISTICS

APPEARANCE	Liquid
COLOUR	White
VOLUME SOLIDS	100 %
FINISH	N/A
COVERAGE	4m ² /L
MIX RATIO	1 : 1 (1 Part A to 1 Part B) by Volume
PACK SIZES	4L Kit and 8L Kit
SPECIFIC GRAVITY	Part A 1.10 kg/l Part B 1.00 kg/l
POT LIFE	60 – 45 minutes
DRYING TIME	2 – 6 hours @ 25°C
RECOAT TIME	4 – 16 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 Base Coat BC100™ 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 1 Part A to 1 Part B by volume.

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. Camper Guard Primer Coat PC70™ has to be used prior to application of Camper Guard Base Coat BC100™. DO NOT use Camper Guard Base Coat BC100™ without the primer at all.

One liberal coat at 4m²/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 16 hours of the application of the first coat to ensure the second coat will bite into the first coat. If 16 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 Base Coat BC100™ after exceeding the pot life. Mixed batch will be tacky and 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 start the whole material to expire within the drum.

Curing Times

Pot Life: 20-45 minutes. Dry Times: 2-6 hours, Recoat window: 4-16 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 10 days or longer. DSC does not recommend coating application when temperatures are below 10°C.

Cleaning

Clean all equipment immediately after use with thinner or methylated spirits.

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.

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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