CAVITY WAX CLEAR (CWC)
BDPBCCWA/BDPBCCW5

INTRODUCTION

BDPBCCW5 is a transparent thin liquid anti-corrosion coating for the protection of cavity areas in cars, trucks, coaches and other objects or places where a rust preventative surface is needed. BBCWA is an aerosol version of this product. The product is water-repellent and has very good penetrating properties and a “self-healing” effect. After drying remains a slightly sticky wax coating which has a good temperature resistance up to +160°C, so it can be used for example in engine compartments. When dried CWC is heated by sun or by engine-heat, it does not have the typical smell of conventional cavity-waxes.

APPLICATIONS

CWC is applied as anti-corrosion coating to protect cavity areas like doors, bonnets, cross members, reinforcements etc. in cars, trucks and coaches or as universal anti-corrosion product for machines, machine parts and other tools. Both products also are excellent general anti-corrosion products in:

- Automotive industry;
- Bus & coach construction;
- Trailer construction;
- Garages, workshops;
- Body repair shops;
- Metal industry;
- Ship constructions.

FEATURES

- High temp resistance;
- Low odour;
- Milky-transparent colour when dried;
- No dripping, one hour after application.

ADHESION

In general this family of ML’s adheres very well (without special pretreatment) on a wide range of clean, dry, dust- and grease free substrates. It is always advisable to perform an adhesion test on the materials involved. For additional information please consult Brown Brothers.

METHOD OF USE

Shake before use or stir the product thoroughly. The surfaces to be treated must be clean, dry, rust-, dust- and grease free. CWC can be applied with light airless equipment with special extension tubes with nozzles or by means of an air-line fed bun or pressure pot gun with an air-pressure of 3-6 bar. If necessary these products also can be dipped, rolled or brushed. Depending on the application the product can be thinned with a solvent. The product can be sprayed haze free and does not drip. Contaminated surfaces and filthy equipment can be simply cleaned in “fresh” condition with solvents.

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TECHNICAL DATA

Product	Can	Aerosol
Basic material	Solvents, waxes and additives	Solvents, waxes, esters and propellants
Consistency	Liquid	Aerosol
Curing/setting method	Emission of solvent	Emission of solvent
Specific density (20°C), DIN 51757	Ca. 0,85 kg/litre	Ca. 0,73 kg/litre
Cleaning with	Solvent (fresh), mechanical (cured)	Solvent (fresh), mechanical (cured)
Thinner	Solvent	NA
Solid content (DIN 53216) (3 hours at 120°C)	Ca. 47%	Ca. 33%
Viscosity (20°C) (DIN 53211 cup 4 mm)	30 seconds	NA
Temperature resistance (cured)	-25°C till +160°C	-25°C till +160°C
Resistant (20°C), cured	Water, salt spray, oil, soft bases & acids	Water, salt spray, oil, soft bases & acids
Usage	± 0,2kg/m^2 (200 µ wet layer)	± 0,1 kg/m^2 (100 µ wet layer)
Dry to touch (20°C, 65% RH)	Ca. 105 minutes (±100 µ)	Ca. 105 minutes (±100 µ)
Completely dried (20°C, 65% RH)	Ca. 5 hours (±100 µ)	Ca. 210 minutes (±100 µ)
Salt spray test (DIN 50021)	Up to 1000 hours, Ri 0 at 100 µ dry layer	Up to 480 hours, Ri 0 at 50 µ dry layer
Bending test (DIN 53152, +70°C)	No cracks, no loss of adhesion	No cracks, no loss of adhesion
Bending test (DIN 53152, -30°C)	No cracks, no loss of adhesion	No cracks, no loss of adhesion
Adhesion	On various metal surfaces	On various metal surfaces
Colours (standard)	White/transparent	White/transparent
Packaging (others on request)	1 litre (P7), 60, 200 litre drum	500 ml aerosol can

STORAGE STABILITY

The product may not be stored under +10°C and above +30°C the packaging must be protected from direct sunlight and heat. Cool and moisture free stored the product is tenable for a minimum of 2 years in the unopened original packaging.