

## Technical Data Sheet

### General

Article number: 4000

Description: Colad Undercoating M40 - Black



### Specification:

The Undercoating M40 is a durable anti corrosion coating based on bitumen. This undercoating has some sound deadening effects and offers a durable protection to the chassis of for instance cars, trucks and coaches. After drying remains a tough, adhesive film resistant against various climates and gravel.

### Features and benefits:

- Proven durability;
- Does not produce a spray mist when applied;
- Sound deadening properties;
- Does not run on vertical surfaces.

### Application:

- Use as an anti-corrosion protection for instance for chassis, wheel-housings and side-skirts of cars, trucks and coaches in:
  - Automotive industry;
  - Bus & coach construction;
  - Trailer construction;
  - Garages, workshops;
  - Body repair shops

### Substrates:

Adheres well (without pretreatment) on a wide range of clean, dry, dust- and grease free substrates. It is advisable to perform an adhesion test before starting.

### Preparation and Application:

- Shake before use.
- The surfaces to be treated must be clean, dry, rust-, dust- and grease free.
- Can be applied by an Undercoating Spray Gun with an air-pressure of 3-4 bar.
- Recoated without bleeding.
- Please be aware that this is a non-paintable coating!
- Optimum spraying distance: 30 cm

- Spray the surface until layer thickness is reached. If more layers are wanted, it is to be recommended to dry the layers in between. The Undercoating M40 can be sprayed haze free without any cob webbing and does not drip. Contaminated surfaces and filthy equipment can be simply cleaned in "fresh" condition with solvents.
- Recommended application temperature between 15°C and 25°C.
- Cleaning contaminated surfaces and equipment: in 'fresh' condition with solvents.

#### Technical Specification:

Colour	Black
Packaging	1 L tin with spray connection
Packaging Unit	Box of 12 x 1 L
Shelf life	2 years (store between 10°C and 20°C)
Usage	$\pm 0.6 \text{ kg/m}^2 \approx \pm 0.6 \text{ L/m}^2 \pm 600 \text{ }\mu\text{m}$ wet layer
Basic material	Bitumen, solvents and fillers
Consistency	Liquid, good sag resistance
Curing/setting method	Emission of solvent
Specific density (20°C), DIN 51757	Ca. 1.02 kg/L
Temperature resistance (cured)	-25°C till +80°C
Resistant (20°C), cured	Water, salt spray, oil, soft bases and acids
Dry to touch (20°C, 65% RH)	Ca. 120 min. ( $\pm 600 \text{ }\mu\text{m}$ wet)
Completely dried (20°C, 65% RH)	Ca. 5 hours ( $\pm 600 \text{ }\mu\text{m}$ wet)
Forced drying (60°C)	Ca. 45 min. ( $\pm 700 \text{ }\mu\text{m}$ wet)
Salt spray test (DIN 50021)	Up to 1000 hours, Ri 0 at 400 $\mu\text{m}$ dry layer
Gravel test (SAE-J400 method)	6A – 6B at 350 $\mu\text{m}$ dry layer thickness
Bending test (DIN 53152, +70°C)	No cracks, no loss of adhesion
Bending test (DIN 53152, -30°C)	No cracks, no loss of adhesion
Cleaning with	Solvent (fresh), mechanical (cured)
Adhesion test (DIN 53151)	Gt 0 on various metal surfaces, PVC
Thinner	Solvent
Solid content (DIN 53216) (3 hours at 120°C)	Ca. 60%

#### Related products of Colad

Article number: 90672674 – Description: Colad Undercoating Spray Gun Adjustable

#### Disclaimer

Technical Data Sheet & Material Safety Data Sheet; it is the responsibility of the user to read understands and apply the information of the TDS. The information about work and environmental safety is available on the material safety data sheet (MSDS) via [www.colad.co](http://www.colad.co). It is the responsibility of the user to read and apply the information.

Products are for professional use. Necessary protective equipment and clothing should be worn.

The repairs should always be done in accordance with the OEM rules and specifications.

All information is for the user's consideration, investigation and verification. The specific use applications and conditions of use are beyond the control of EMM International B.V. It is the responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application.

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