


# Technical Data Sheet

<p><b>General</b></p> <p>Article number: 4010 – Black          4020 – White          4030 – Grey</p> <p>Description: Colad Undercoating M80</p>	
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**Specification:**

Paintable stone chip coating with anti-corrosion and sound deadening properties. After drying, the coatings are paintable with most commonly used paint systems. After the product has completely dried, a durable elastic film remains. Offers good protection against various climates and gravel, has extremely high abrasion resistance.

**Features and benefits:**

- Very good adhesion to a wide range of substrates.
- Very good resistance of weather influences spray water and abrasion.

**Application:**

- Can be applied as stone chip and anti-corrosion coating.
- On bumpers, front and rear aprons, doorsills and chassis. And as a sound-deadening product in wheel-housings.
- For cars, trucks and coaches.

**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 3-6 bar.
- Recoated without bleeding.
- Over-painted (depending on the layer thickness, temperature and humidity), after about 60 to 90 minutes, with most of the commonly used conventional 2K- and base coat lacquers. When a 2K-lacquer is used, we advise to first use a layer of primer and to paint over after this layer has completely dried.
- Optimum spraying distance: 30cm
- Cleaning contaminated surfaces and equipment: in 'fresh' condition with solvents.

**Technical Specification:**

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	± 0.7 kg/m <sup>2</sup> or ± 0.7 litre/m <sup>2</sup>
Basic material	Solvents, resins, rubbers and fillers
Consistency	Liquid, good sag resistance
Specific density (20°C), DIN 51757	Ca. 1.03 kg/litre
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. 45 min. ( $\pm 700 \mu$ wet)
Completely dried (20°C, 65% RH)	Ca. 2 hours ( $\pm 700 \mu$ wet)
Forced drying (60°C)	Ca. 45 min. ( $\pm 700 \mu$ wet)
Paintability (20°C, 65% RH)	
• 2 component high solids	Possible after drying, primer recommended
• Base coat system	Possible after drying
• Water based system	Possible after drying
Salt spray test (DIN 50021)	Up to 480 hours, Ri 0 at 350 $\mu$ dry layer thickness
	Up to 720 hours, Ri 0 at 350 $\mu$ dry + paint
Gravel test (SAE-J400 method)	6A – 6B at 350 $\mu$ dry layer thickness
Bending test (DIN 53152, +70°C)	No cracks, no loss of adhesion
Bending test (DIN 53152, -30°C)	Minor cracks, no loss of adhesion

### Related products of Colad

Article number: 4045 – Description: Colad Adjustable Undercoating Spray Gun

### 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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