Technical Information Underbody Protection Bitumen



presto Underbody Protection (Bitumen) forms a visco-plastic, durable sealing on the underside of machines, vehicles and wheel cases of all types of motor vehicles. It protects the underbody from mechanical and chemical stress like stone chipping, road salt, water, rust and the weather-influences.

Thixotropic properties mean the spray can be applied in thick layers without running.

For use on bodywork, in workshops, bus construction, at home

Available in 500ml spray cans and also in 1 litre spray gun cans as well as in 1.3 kg and 2.5 kg brush paint cans.

Quality and properties

- Good abrasion resistance
- Excellent corrosion protection
- Excellent adhesion to metal
- Sound-absorbing
- Long-lasting elasticity
- Water-repellent
- No drips on vertical surfaces
- Resistant to weather influences
- Resistant to weak acids and alkalines
- Cannot be painted over
- Cleaning: fresh material with solvent, dried – mechanically

Physical and chemical data

Spray can:

- **Basis:** bitumen, solvents and propellants
- **Colour:** black
- **Smell:** solvent
- **Salt spray test (DIN 50021):** 1000 h without formation of rust at 400µ dry coat; up to 480 h without formation of rust at 200µ dry coat.
- **Temperature resistance:** -25°C up to +80°C
- **Working temperature:**
  +5°Cup to +30°, best results at room temperature
- **Drying time (at 20°C, 65% relative air humidity):**
  Dust-dry: after approx. 1 1/2 hours; completely dry after approx. 2 1/2 hours
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Storage stability:**
  10 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
  aerosol can, maximum nominal volume 500 ml

Spray gun can / brush paint can:

- **Basis of the binder:** bitumen, solvents and filler material
- **Colour:** black
- **Smell:** solvent
- **VOC content:** approx. 0.3640 kg/litr (spray gun can); approx. 1.300 kg/litre (brush paint version)
- **Salt spray test: DIN 50021):** 1000 h without formation of rust at 400µ dry coat; up to 480 h without formation of rust at 200µ dry coat
- **Temperature resistance (cured):** -25°C to +80°C
- **Working temperature:** +5°C up to +30°C, best results at room temperature
- **Storage stability:**
  5 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Viscosity (20°C)** after Brookfield:
  1000ml: 100 - 200 Pas (Spindel 6 / V½)
  1.3 kg resp. 2.5 kg: 1040 - 2000 Pas (Spindel 7 / V½)
- **Specific density (20°C)** (DIN 51757):
  1000ml: 1.03 - 1.06 kg/ltr.
  1.3 kg resp. 2.5 kg: 1.26 - 1.30 kg/ltr.
- **Solid content** (DIN 53216) (3 hours at 120°C):
  1000ml: approx. 57 - 62 %
  1.3 kg bzw. 2.5 kg: approx. 75.6 - 77.6 %
- **Drying time: (20°C, 65% RV):**
  Skinning:
  1000ml: 120 - 180 minutes (±600µ)
  1.3 kg resp. 2.5 kg: 90 - 120 minutes (±500µ)
  Completely dried:
  1000ml: 4 - 6 hours (±600µ)
  1.3 kg resp. 2.5 kg: 10 - 12 hours (±500µ)
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Size:**
  spray gun can, maximum nominal volume 1000 ml
  paint can, maximum nominal volume 1.3 kg resp. 2.5 kg

Environment and labelling

Environmentally sound: European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal: Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

Marking/Labelling: All products made by European Aerosols comply with the actual labelling regulations according to Preparation Guideline 1999/45/EG. All aerosols correspond to TRGS 200 and TRG 300 as well as to aerosol guideline 75/324/EWG in the actually valid version.

Using instructions

The most presto spray paints have a so-called no-spray ring or a tamper-proof cap. This is to avoid unauthorized use. Please see the corresponding advises on the cap or on the label.
Before use, carefully read and observe the warning texts on the labels!

Application aerosol spray can

- For best results, the can should have room temperature.
- Remove layers of old paintings and rust, then slightly grind the surface..
- The surface should be clean, dry and free from rust and grease.
- Carefully protect surrounding area from spray mist.
- Before use, shake can vigorously and test spray.
- Spray several thin coats from a distance of approx. 25-30 cm.
- After use, turn can upside-down and spray empty to clean the valve.

Application spray gun can:

- Remove layers of old paintings and rust, slightly grind the surface.
- The surface should be clean, dry and free of rust and grease.
- The product is ready-to-use, no thinner necessary.
- Shake before use.
- Screw the 1 litre can into the special air pressure gun.
- Working pressure is 4 - 5 bar.
- Apply the underbody coating in the desired thickness.
- After use, clean spray gun with terpentine.

Application brush paint can:

- Remove layers of old paintings and rust, slightly grind the surface.
- Product is ready to use; as needed dilutable with white spirit up to max. 5 %.
- The surface should be clean, dry and free of rust and grease.
- Stir well before use.
- Apply presto Underbody coating (bitumen) in the desired thickness.
- After use, clean brush with terpentine.

Bestellangaben

Disclaimer of liability

This application-technological information is given to the best of our knowledge. The notes mentioned herein are, however, non-binding and do not exempt you from own tests to see whether the products supplied by us are suitable for your special application. The use and processing is beyond our control and therefore exclusively in the responsibility of the user. European Aerosols is let off the liability, unless the liability-based incident is caused by a fault incurred to European Aerosols.

As of: June 06, 2016
This release replaces all eventually earlier issued versions.

Print date: 29.03.2024

European Aerosols | Wolfraamweg 2 | 8471 XC Wolvega | NL | info-nl@european-aerosols.com