

PRODUCT DESCRIPTION

APP Protect is a high-performance, rubberized underbody coating designed to provide superior protection for vehicle chassis and body panels. Once cured, it forms a tough, flexible, and tightly adherent barrier that permanently seals chassis fasteners, preventing loosening caused by road vibration.

The coating delivers long-term corrosion resistance on metal surfaces, significantly reducing the risk of rust in harsh environments. It also offers excellent stone chip and gravel protection, effectively minimizing damage to underbody components and wheel arches. Additional benefits include substantial reduction of road and tire noise transmission into the cabin, enhanced interior quietness and comfort, and an antistatic effect that improves overall driving safety.

APP Protect is non-flammable after full cure and features rapid drying, outstanding flexibility, strong adhesion, superior water and corrosion resistance, and high impact strength.

APPLICATIONS

Ideal for protecting vehicle chassis, underbody panels, wheel arches, and cabin floors on passenger cars, commercial vehicles, and trucks. It is also suitable for general industrial applications, building waterproofing, and other surfaces requiring durable protective coating.

TECHNICAL DATA

(real values may have deviations)

COLOR:	BLACK VISCOUS LIQUID
Odor:	Alcohol odor
Viscosity (25°C), KU:	85±5
Flexibility, mm:	≥3
Adhesion:	Not less than level 2
Water resistance:	No whiteness, foaming or shedding after being soaked for more than 240 hours

DIRECTIONS FOR USE

For optimal performance, proper surface preparation is essential.

Thoroughly clean the chassis or cabin areas using a high-pressure washer. On older vehicles, remove all rust and sand affected areas to achieve a clean, contaminant-free surface (free of water, dust, oil, grease, or wax). Blow-dry completely after cleaning.

Remove wheels and any removable underbody shields or panels. Raise the vehicle on a suitable lift. Mask and protect all areas not to be coated (exhaust system, engine, radiator, springs, air conditioning condenser, VIN plate, etc.) using suitable materials that will remain secure during spraying.

Open the cartridge by removing the anti-tamper seal. Insert the dedicated APP spray gun, shake the cartridge vigorously for approximately 2 minutes to ensure thorough mixing, and connect to a compressed air supply of 0.60–0.80 MPa (6–8 bar).

Apply the product evenly in a back-and-forth motion from a distance of 25–50 cm. To prevent sagging or runs, apply in multiple thin coats (recommended: three coats) with a 10-minute flash-off time between coats at room temperature. After the first coat, seal all holes, seams, and joints with appropriate sealant before continuing. A minimum dry film thickness of 2 mm is recommended to achieve optimal sound deadening and corrosion protection. Once fully cured, remove masking materials and reinstall removed components.

CAUTIONS

Do not ingest or spray directly onto skin or clothing.
Keep out of reach of children. In case of eye contact, rinse immediately with plenty of water and seek medical advice.
Keep away from heat, sparks, and open flames. Do not expose cartridges to direct sunlight, puncture, or incinerate.
After use, invert the empty cartridge and depress the nozzle to release residual pressure. Dispose of empty cartridges safely.

STORAGE

Recommended storage temperature: 0–45°C.
Shelf life: 36 months (when stored under recommended conditions).

PACKING SPECIFICATION

1 kg per cartridge / 12 cartridges per carton.

WARNING

Full health and safety information is provided in the Material Safety Data Sheet (MSDS), which must be read and understood by all users prior to handling or application. Refer to the product label for the expiry date.

NOTE:

The information contained in this Technical Data Sheet is based on our current knowledge and experience. It is provided in good faith but does not constitute a warranty or guarantee of specific performance. Users should conduct their own tests to determine suitability for their particular application. This document does not replace any required environmental, regulatory, or safety assessments.