

# TECHNICAL DATA SHEET

Issue Date:  
12.02.2021



Revision Date:  
12.02.2021

Page 1 from 3

## Product name: wax preparation for closed profiles protection APP F 400 Profil Spray.

Spray-on preparation based on mineral oil, paraffin wax and impregnating additives for corrosion protection of closed profiles and hard-to-reach areas of car bodies such as: beams of car bodies and doors, engine compartments and trunks. It is designed to strengthen the factory protection and to regenerate the anti-corrosion protection after body repair and painting. It forms a permanently elastic, hydrophobic coating that adheres very well to the surface. Resistance test in salt chamber 1000 hours.

Packaging:	500 ml pressure container - 050401 and 050402.
Product and additives:	F 400 Profil Spray.
Color:	APP No. 050401 - amber, transparent, □ APP No. 050402 - transparent, colorless.
Main ingredients:	F 400 Profile Spray - microcrystalline paraffin waxes, modified petroleum jelly, sulfonates, oil, impregnating additives, pigment, and solvents.
Propellant:	propane-butane.
Chemical resistance:	the product is resistant to water, salt spray, oil, acids, and alkalis in low concentrations when dry.
Salt spray test:	<ul style="list-style-type: none"><li>• up to 500 h Ri0 for a product dry film thickness of 100 µm,</li><li>• up to 1000 h Ri1 for a dry film thickness of 100 µm.</li></ul> Measurements according to DIN50021 and DIN53210.
Application	<ul style="list-style-type: none"><li>• Long-lasting corrosion protection of closed car body sections, such as body and door beams, engine, and trunk compartments.</li><li>• For corrosion protection of machinery, machine parts, tools, etc.</li><li>• Can be used to protect metal sheets and parts during storage.</li></ul>
Advantages	<ul style="list-style-type: none"><li>• Penetrating and water displacing product.</li><li>• Long lasting flexible, tight, and non-drying corrosion barrier.</li><li>• Not aggressive to plastics, rubber, and varnish.</li><li>• Very good adhesion to many substrates.</li><li>• Ready to use product after mixing.</li></ul>

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.

# TECHNICAL DATA SHEET

Issue Date:  
12.02.2021



Revision Date:  
12.02.2021

Page 2 from 3

## Product name: wax preparation for closed profiles protection APP F 400 Profil Spray.

### Substrate

Suitable substrates      Factory coatings. Primed and unfinished metal surfaces.  
Surfaces coated with primers and top coats. Anti-corrosion PVC coatings, rubber/resin, rubber/bitumen, and waxes.

### Substrate preparation



Remove all corrosion centers from bare metal sheets.  
Can be applied on bare metal, but for additional protection it is recommended to use an anti-corrosion primer.  
Before spraying, the surface to be protected should be dried and, if possible, cleaned of dust and degreased.

### Application

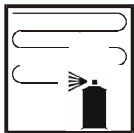


Stir well by shaking the container for 2-3 minutes.



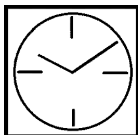
Perform test spraying.  
Caution!  
Protect the engine, brake system and exhaust system before applying the compound!

### Application



Introduce the wax into closed sections through technological openings for maintenance with the use of a nozzle with a flexible probe.  
On flat surfaces, apply by spraying evenly from a distance of about 25-30 cm.  
Recommended layer thickness: 100 µm wet, 30 µm dry.  
Application temperature between +10°C and +25°C.

### Drying



Drying time at +20°C is:

- 1 h      dust dry for 100 µm wet film,
- 24 h     flash-dried for 100 µm wet film.

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.

# TECHNICAL DATA SHEET

Issue Date:  
12.02.2021



Revision Date:  
12.02.2021

Page 3 from 3

## Product name: wax preparation for closed profiles protection APP F 400 Profil Spray.

### Caution!

The maintenance openings of the closed profiles, through which the hose was introduced, should be left open for a few days to allow better air circulation. Remember to close them with the original, usually rubber plugs.

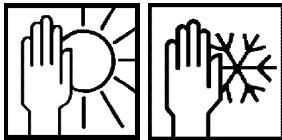
### Coatability

The coating is not intended for varnishing.  
Can only be coated with wax products.

### Cleaning the equipment

To clean the nozzle, turn the can upside down and run the aerosol for a moment. The propellant will push the wax residue out of the nozzle preventing it from drying and thus allowing the aerosol to be reused.

### Storage



Store in closed, original containers in a dry and well-ventilated room.

Protect against freezing.

### Safety and health regulations



For professional use only.

See text on product labels or safety data sheet.

Users must comply with the health and safety regulations in force in their country.

### VOC

VOC limit g/l in the ready to use product.

840 g/l for APP F 400 Profil Spray

Maximum VOC content g/l in the ready to use product.

552.3 g/l for APP F 400 Profil Spray

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.