

# TECHNICAL INFORMATION

Issue Date:  
16.03.2016



Revision Date:  
18.05.2021

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## **Product Name: APP Klarlack FD Spray. APP No.: 020120.**

Two-component quick drying aerosol top coat of high gloss. Features with very good levelling properties and clarity. Upon hardening it offers high gloss. It is resistant to weather conditions in different climatic zones.

Package: 250ml aerosol.

Product and additives: APP Klarlack FD Spray – Acrylic resin and isocyanate hardener.

Colour: Transparent of high gloss.

Coverage: 0.3-0.5 m<sup>2</sup> in case of 30-50µm (touch dry coat).  
Caution! In practice coverage depends on different factors including: shape, substrate roughness, application method and operating conditions.

### Application

Purposed for repairs of car body components and parts including Polycarbonate headlights etc.. Recommended for Spot repairs. To be used with water borne and traditional basecoats paints.  
Resistant to chemicals, fuels, detergents and weather conditions.

### Substrate

Appropriate substrate:

- APP Modular Special Base,
- Typical water borne and traditional basecoats applied during car body repairs,
- Cleaned and sanded old top coats,
- Primers e.g.:  
APP 1K Kunststoff Primer Transparent.

Substrate preparation:



- After drying clean the basecoat with cloth to e.g.: APP SAS remove the dust,
- Sand the old top coat:
  - with very fine abrasive APP WS10 by applying matt paste e.g.: APP PM-07
  - on wet with sand paper P800-P1200
  - on dry with sand paper P600-P800.

Before spraying, firstly clean the surface and remove dust and, if possible degrease with W900 stripper or WK900 plastic stripper.

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.

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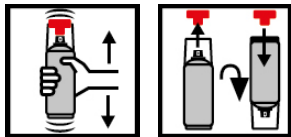


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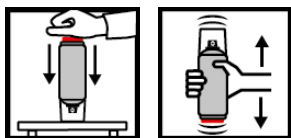
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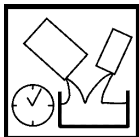
### Use



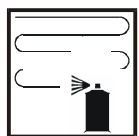
Shake well before use (for 2-3 minutes). Remove a red button but do not remove a top cover. Position the container upside down on hard ground.



Place the button on the bottom of container and press until stop. Mix well by shaking the container for 2-3 minutes. Perform test spraying. Cover the surface evenly applying the top coat at distance of 15-20cm.

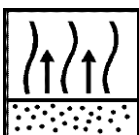


Pot life of mixture purposed for spraying:  
14 h/ +20°C.



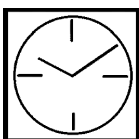
Coat qty: 1-2 x 1.  
Dry coat thickness: 20-40µm.  
Recommended ambient conditions:

- Minimum temperature: +15°C,
- Maximum relative humidity: 70%.



Evaporation time between coats at temperature +20°C:  
5-10 minutes.

### Drying



At temperature +20°C:  
Dust dry: 7 min.  
Touch dry: 1 h/ 20µm  
2 h/ 40µm.  
Total hardness: 8-9h.



At temperature +60°C: 15-20min.  
IR radiator: 10 min./50%  
+  
15 min./100%.

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### Cleaning of tools:

Before nozzle cleaning, firstly position the container upside down and activate aerosol for moment. The propellant gas pushes the remains of paint out to prevent drying and will enable subsequent use of aerosol.

### Polishing



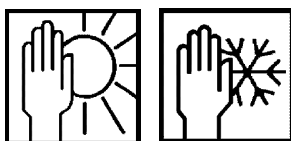
Following total hardening, namely after 3-4 hours at temperature +20°C you may remove defects and inclusions with abrasive materials:

- Manually with water resistant sandpaper P1500- P2500
- Mechanically with abrasive material P1500- P2500
- Spot damages and inclusions may be repaired with abrasive material P1500- P2500.



For mechanical polishing use APP Quartz system.

### Storage:



Store in closed, original containers, in dry and well ventilated spaces. Protect against freezing.

### Occupational safety:



Product for professional use only.  
See: labels on containers and MSDS.  
User shall follow locally and regionally applicable industrial safety regulations.

### VOC:

Permitted VOC in g/L of product ready to use.  
840g/l for APP Klarlack FD Spray  
Maximum VOC in g/L of product ready to use.  
< 840 g/l APP Klarlack FD Spray

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