



TECHNICAL INFORMATION

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AAP AUTO-PLAST PRODUCT

Product name: APP 2K HS Acryl Klarlack Spezial S 2:1.

Two-component transparent HIGH SOLID, high gloss and high resistance to scratches acrylic paint. It is characterized by very good spreading and transparency and it allows for obtaining great colour depth. It is resistant to the influence of weather conditions in various climate zones.

Due to the application of UV filters it ensures durability of basecoat colour.

Package:	Paint - 1.0 l, 5.0 l; hardener – 0.5 l, 2.5 l.
Product and additives:	APP 2K HS Acryl Klarlack Spezial S 2:1 APP 2K HS Spezial S Harter XLHS – short binding time APP 2K HS Spezial S Harter XLHN – standard binding time APP 2K Acryl Verdunnung AVN/AVS.
Special additives:	APP 2K Elastic APP Anti-Silikon
Basic components:	APP 2K HS Acryl Klarlack Spezial S 2:1 – acrylic resin APP 2K HS Spezial S Harter XLHN/XLHS – isocyanate hardeners
Colour:	Transparent, colourless, high gloss
Efficiency:	9-10m ² /l Notice! In practice efficiency depends on such factors as: object's shape, surface roughness, method of application and work conditions.
<u>Application:</u>	Intended for repairs of elements and whole vehicles as high quality surface layer in two-layer car body renovation coatings. To be used with water-soluble and conventional basecoats.
<u>Surface</u>	Water-soluble and conventional basecoats.

Surface preparation:

Before spraying, clean the painted surface from the remains of loose and dry dust of basecoat.

Application:

Mixing proportions:

A) for temperatures from 18°C to 25°C:
2 volumes APP 2K HS Acryl Klarlack Spezial S1
1 volume APP 2K HS Spezial S Harter XLHN
0-5% APP 2K Acryl Verdunnung

B) for temperatures below + 18°C
2 volumes APP 2K HS Acryl Klarlack Spezial S1
1 volume APP 2K HS Spezial S Harter XLHN
0-5% APP 2K Acryl Verdunnung

Spray viscosity in +20°C: 18.5 s 4 mm DIN.

Notice!

Use only hardeners for acrylic paint APP 2K HS Spezial S Harter XLHN/XLHS.

Do not exceed the recommended hardener dose.

If necessary add from 2 to 5% APP Anti-Silikon.

If needed (plastics) add elasticity maker APP 2K Elastic in accordance with mixing table, before adding hardener.

Application:

Apply with a spray gun equipped with a nozzle $\varnothing 1.2\text{-}\varnothing 1.3$ mm, with air pressure from 2.0 to 3.0 bar.

Number of layers: 2x1

Dry coating thickness: 55 μm (2x1).

Recommended conditions of work:

- minimum temperature: +10°C
- maximum relative humidity: 70%

Time of inter-layer vaporizing in the temperature of +20°C: 5 minutes

Paint mixture shelf-life date: 2-3 hours

Drying:

In the temperature +20°C:

Dry-to-touch time: 20 minutes

Handling possibility: 2.5-3 hours

Complete hardening: 6-7 hours



In the temperature +60°C: 25-30 minutes

IR radiator: 10-15 minutes

Grinding:

After complete hardening, that is after 24 hours in the temperature of +20°C there is the possibility of removing defects and intrusions with abrasive materials:

- wet grinding with abrasive material P1500-5000
- machine grinding with abrasive material P1500-5000

Cleaning the equipment:

Nitrocellulose or acrylic solvent.

Storage:

Store in original, sealed packages in a dry and well ventilated room. Protect from freezing.

Work health and safety regulations:

Only for professional use.
See: text on product labels or in MSDS.
The user must conform with work health and safety regulations being in force in a given country.

VOC:

Permissible value of VOC g/l in the product ready for use: 840g/l for APP 2K Acryl Klarlack Spezial S 2:1.

Maximum contents of VOC g/l in the product ready for use: 547g/l for APP 2K HS Acryl Klarlack Spezial S 2:1.

The above information is in compliance with current knowledge on our products and the possibilities of their application. It does not guarantee defined properties or the suitability for use in particular conditions. Observe the remarks and warnings given on the product labels and included in the material safety data sheet. We do not bear any responsibility if the factors beyond our control had an influence on the final result of work.

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