

TECHNICAL INFORMATION

Date of Issue:
10.05.2019r.



Date of Revision:
10.05.2019r.

Page 1 of 4

**Product Name: Two-component acrylic clearcoat
APP Klarlack Glosser.
APP No.: 020121-1,0 L i 020122-5,0 L.**

Two-component clear HIGH SOLID Class acrylic lacquer of improved resistance to stretching and high gloss. Thanks to quick drying it is perfect for works related to repair of individual components and whole car body. Features with easy application and polishing. UV filters ensure basecoat colour fastness.

Package: Lacquer-1.0L, 5.0L; Hardener-0.5L, 2.5L.

Product and additives: APP Klarlack Glosser - a clear lacquer,
APP Harter Klarlack Glosser Standard – a hardener of standard setting time,
APP Harter Klarlack Glosser Quick - a hardener of short setting time,
APP Acryl Verdunnung - a thinner purposed for acrylic products.

Special Additives: APP Loser - a thinner for blending in,
APP Elastic - an additive enhancing coat elasticity,
APP Anti-Silikon - an additive neutralizing effects of silicone related contamination.

Basic Components: APP Klarlack Glosser - Acrylic resin,
APP Harter Klarlack Glosser - Isocyanate hardeners.

Colour: Transparent, colourless, of high gloss.

Coverage: 7-9 m²/L
Caution! In practice coverage depends on different factors including: shape, substrate roughness, application method and operating conditions.

Use: Purposed for repairs of both parts and whole car bodies, to be applied as high quality top layer of car body in case of two coats systems.
To be used with water borne and traditional basecoats paints.

Substrate: Water borne and traditional basecoats paints, old top coats.

Substrate Preparation: Before spraying firstly clean the surface to remove any lose particles and

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Page 2 of 4

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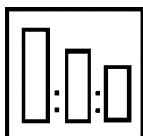
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base coat dry paint dust. Remove dust, degrease and dull the old coat. In case of relative humidity above 70% and temperature below +10°C drying is recommended at temperature +60°C.

Use

Mixing ratio:



- A) At temperature from +18°C to +25°C:
2 by volume APP Klarlack Glosser
1 by volume APP Harter Klarlack Glosser Standard
5-15% APP Acryl Verdunnung
- B) At temperature below +18°C:
2 by volume APP Klarlack Glosser
1 by volume APP Harter Klarlack Glosser Quick
5-15% APP Acryl Verdunnung
- C) Mixing ratio by weight:
100 APP Klarlack Glosser
50 APP Harter Klarlack Glosser
7-20 APP Acryl Verdunnung

Volume of ready to use product for 0% of added solvent	Mixing ratio by weight				
	APP Klarlack Glosser	APP Harter Klarlack Glosser	APP Acryl Verdunnung		
	100	50,1	5%	10%	15%
[L]	[g]	[g]	[g]	[g]	[g]
0.1	65.6	33.2	4.36	8.71	13.1
0.2	131	66.4	8.71	17.4	26.1
0.3	197	100	13.1	26.1	39.2
0.4	262	133	17.4	34.8	52.3
0.5	328	166	21.8	43.6	65.3
0.6	394	199	26.1	52.3	78.4
0.7	459	232	30.5	61.0	91.5
0.8	525	266	34.8	69.7	105
0.9	590	299	39.2	78.4	118
1.0	656	332	43.6	87.1	131

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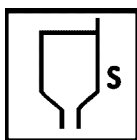
Date of Revision:
10.05.2019r.

Page 3 of 4

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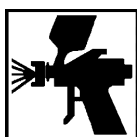
Spraying viscosity at +20°C: 16-17 s 4 mm DIN.

Caution!

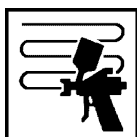
Use hardeners purposed for APP Harter Klarlack Glosser acrylic lacquer only.

Follow strictly a specified hardener volume. If necessary add 2 to 5% of APP Anti-Silikon. Before mixing with hardener (in case of plastic) add APP Elastic plasticizer according to mixing table, if necessary..

Application:

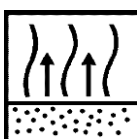


Apply with a spray gun fitted with $\varnothing 1.2$ - $\varnothing 1.3$ mm nozzle at air pressure from 2.5 to 3.5 bar.



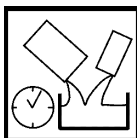
Quantity of coats: 2 x 1.

Dry coat thickness: 45-55 μ m (2 x 1).



Evaporation time between coats at temperature +20°C:

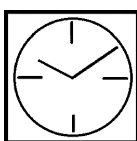
- 10-15 min.



Workability time of lacquer mixture:

- 1.5 h.

Drying



At temperature +20°C:

Dust dry: 15 min.

Touch dry: 1 h.

Workability time: 2 h.

Polishing time: 2.5 h.



At temperature +60°C:

Polishing: 10-15 min.
during 30 min. after cooling
down

IR radiator: 10-15 min..

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Page 4 of 4

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Sanding



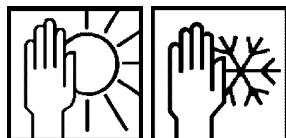
Following 2.5 h at temperature +20°C defects and inclusions may be removed by sanding down and polishing:

- Manually on wet with P1500-3000 sandpaper
- Using machine with P1500-3000 sandpaper.

Cleaning of tools:

Nitrocellulose or acrylic solvent.

Storage:



Store in closed, original containers, in dry and well ventilated spaces at temperature from +5°C to +30°C. 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 Glosser.

Maximum VOC in g/L of product ready to use:

450.03g/L for APP Klarlack Glosser.

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