

TECHNICAL INFORMATION

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Product Name: APP Modular Special Base 80-96 Colouring additive Liquid Aluminium. APP nr: 0260096 - 1,0L.

APP Modular Special Base 80-96 Liquid Aluminium is an additive with the effect of very fine silver grain, included in base formulas in the APP Modular Special Base coloring system. This additive is applicable to silver, gray, graphite, etc. formulations.

- Product and extras:** APP Modular Special Base 80-96,
APP Modular Special Base,
APP Modular Special Base Thinner 80-130,
APP Modular Special Base Thinner 80-140.
- Special extras:** APP Modular Special Base 80-01 - additive for shading with base coat,
APP Modular Special Base 80-02 - super black base coat, does not form part of the colouring formulas,
APP Modular Colour Ink - coloring additives for high intensity colors for motorcycles and car body,
APP Modular Magic Mist - coloring additives for colors with angular special effects,
APP Modular Special Base 80-04 Interior Converter - additive for coating interior surfaces without clear coat.
- Base ingredients:** APP Modular Special Base 80-96 - resins drying by evaporation of thinner,
APP Modular Special Base Thinner 80-130 - thinner of normal evaporation time,
APP Modular Special Base Thinner 80-140 - thinner of extended evaporation time.
- Color:** Silver with a very fine grain.
- Yield:** 7 - 8 m²/l APP Modular Special Base
for dry coating thickness 30-40 µm.
Caution!
In practice, the efficiency depends on factors such as: object shape, color, application method, and working conditions.

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Use Intended for use as a decorative layer in multi-coat topcoat systems.

Substrate

Suitable substrates:

Sanded factory coatings.

Pre-treated surfaces:

- with acrylic primers, e.g. APP Acrylfiller 401,

APP Acrylfiller 501, APP Acrylfiller Rapid,

APP Acrylfiller Compact,

- with epoxy primers, e.g. APP Grund EP,

APP Grund EP Spray,

- with single-ingredient primers, e.g. APP Primer Filler

APP Primer Filler Spray,

- with isolating and filling primer APP Smart Primer,
- with adhesive primers, e.g. APP Kunststoff Primer.

Caution!

Do not apply on APP Haftgrund or APP 2K Haftgrund.

Do not apply on thermoplastic finishes.

Substrate preparation:



Preliminary grinding by machine with P320-P400 abrasive paper.

Machine finish grinding with P500 abrasive paper.

Manual finish sanding with P800 sponge sandpaper.



Pre-sanding by hand with P600-P800 waterproof sandpaper. Finish manual grinding with P1000 water resistant abrasive paper.



Before spraying APP Modular Special Base, clean the lacquered surface of dust and degrease it using W911 or W900 remover, or WB910 with APP Premium cleaner.

For final dust removal, use dust-absorbing cloths APP SAS or APP SAS Aqua.

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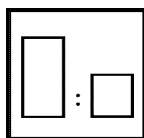
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Use

Mixing proportions:



Volume mixing ratios:

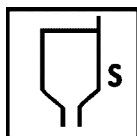
- A) For temperatures between 15°C and 25°C:
100 volumes APP Modular Special Base
80-100 volumes APP Modular Special Base Thinner 80-130
- B) For temperatures between 25°C and 35°C:
100 volumes APP Modular Special Base
80-100 volumes APP Modular Special Base Thinner 80-140

Mixing ratios by weight:

- 100 APP Modular Special Base
91 APP Modular Special Base Thinner 80-130/140

The following thinners may be used:

- APP Acryl Verdunnung lang - slow evaporation time
- APP Acryl Verdunnung normal - normal evaporation time



Spraying viscosity:

- 11-13 s 4mm DIN/+20°C for APP Modular Special Base 80-96,
16-18 s 4mm DIN/+20°C for APP Modular Special Base.



Mix the toners in the mixer once a day for about 15 minutes.

Application

Caution!

Each time check the paint color by spraying a test coat.



Apply with a spray gun equipped with a nozzle $\varnothing 1.2\text{-}\varnothing 1.4$ mm at an air pressure between 1.5 and 2.5 bar.

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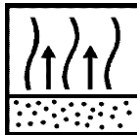
Number of layers:

- non-metallic colors: 2 full coats
- metallic and pearl colors: 2 full coats and 1 skim coat (approximately 30% of full coat).

Dry film thickness: 20-30 µm.

Recommended working conditions:

- minimum temperature: +15°C
- maximum relative humidity: 75%.

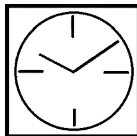


Intercoat evaporation time at +20°C:

5-7 minutes.

Shelf life of ready to use mixture in tightly closed factory package: 2 years.

Drying



At +20°C:

Dry, matt and ready for coating: 15-20 minutes.

Maximum time to coverage: approx. 6 hours.

Sanding



If necessary, e.g. inclusions, sand after drying:

- wet with P800-P1500 water resistant abrasive paper
- hand dry with APP Ultra Fein abrasive sponge or with APP514 P600-P800 sponge abrasive paper.

Coverage:

After drying the basecoat, clean its surface with APP SAS or APP SAS Aqua dust-absorbing cloth and cover it with binary colourless topcoat, e.g.

APP Klarlack UHS 410

APP Klarlack Glosser

App Klarlack S Pro

APP 2K HS Acryl Klarlack Quartz,

APP 2K HS Acryl Klarlack Classic,

APP 2K HS Acryl Klarlack Spezial S

APP 2K HS Acryl Klarlack Compact oder

APP 2K HS Klarlack Smart.

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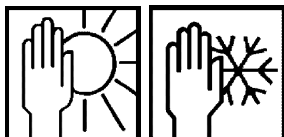
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Product Name: APP Modular Special Base 80-96
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Equipment cleaning: Nitrocellulose solvent.

Storage:



Store in closed original containers in a dry and well-ventilated area.
Protect from freezing.

Health and Safety

Regulations:



For professional use only.

See: the text on the product labels or in the safety data sheet.

The user must comply with the health and safety regulations in force in the country concerned.

VOC:

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

840 g/l for APP Modular Special Base.

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

<840g/l for APP Modular Special Base.

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