Product name: APP Modular Special Base.

APP Modular Special Base is a base lacquer with very good application properties and high covering power. Intended for use in two- and three-layer topcoat systems. It has excellent adhesion to acrylic and epoxy primers and old coatings. The matt surface when dry provides excellent adhesion to the protective clearcoat.

Product and additives.	APP Modular Special Base, APP Modular Special Base Thinner 80-130, APP Modular Special Base Thinner 80-140.
Special additives.	APP Modular Special Base 80-01 - base coat shading additive - shading resin, APP Modular Special Base 80-04 Interior Converter - additive for lacquering interior surfaces without clear lacquer coating, APP Modular Colour Ink - prescription colouring additives for high intensity colours for motorbikes and car bodies, APP Modular Magic Mist - colouring additives for colours with angular special effects, APP Modular Special Base 80-78 Blue Aluminium - prescription colouring additive with fine blue grain effect, APP Modular Specjal Base 80-85 Efect 3D - prescription additive with the effect of very coarse, spatially arranged grain, APP Modular Special Base 80-96 Liquid Aluminium - prescription colouring additive with very fine, silver grain effect, APP Modular Special Base 80-02 - super black base coat, not included in colour formulas.
Basic ingredients.	APP Modular Special Base - resins drying through evaporation of thinner, APP Modular Special Base Thinner 80-130 - thinner with normal evaporation time, APP Modular Special Base Thinner 80-140 - thinner with extended evaporation time.
Colour.	Solid, metallic and pearl colours according to the formula.

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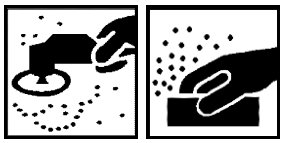
Product name: APP Modular Special Base.

Spreading rate.	7 - 9 **m²/l** for 20 - 30 µm dry film thickness. Attention! In practice, performance depends on factors such as object shape, colour, application method and working conditions.
Application	Intended for use as a decorative layer in multi-coat topcoat systems.
Substrate	
Suitable substrates.	Sanded factory coatings. Surfaces pre-treated with: • Acrylic primers e.g. APP AcrylFiller Multi Sanding, APP AcrylFiller Multi Wet on Wet, APP AcrylFiller 401, APP AcrylFiller 501, APP AcrylFiller Rapid, APP AcrylFiller Compact, • Epoxy primers, e.g. APP Grund EP, APP Grund EP Spray, • Single-component fillers e.g. APP Primer Filler, APP Primer Filler Spray • APP Smart Primer, APP Smart Primer. Caution! Do not apply over APP Haftgrund or APP 2K Haftgrund. Do not use on thermoplastic finishes.

Substrate preparation.



Pre-sanding by machine using P320-P400 abrasive paper.
Machine finish sanding with P500 abrasive paper.
Manual finish sanding with P800 sponge sandpaper or NTools GSD 1000-1200 double-sided sanding sponge.

Pre-sanding by hand with P600-P800 waterproof sandpaper. Finish sanding by hand with P1000 waterproof abrasive paper.

Before spraying APP Modular Special Base, the lacquered surface is to be cleaned of dust and degreased with W911 or W900 remover and WB910 with APP Premium cleaner.

For final dust removal from the surface, use APP SAS, APP SAS Aqua, APP Tack Cloth White, or APP Tack Cloth Blue.
APP Tack Cloth Blue.

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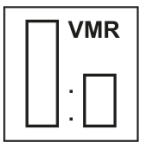
Product name: APP Modular Special Base.

Application

Mixing proportions.



VMR - Volume Mixing Ratio

Volume mixing ratios:

A) For temperatures between 15°C and 25°C:

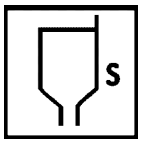
100 volumes	APP Modular Special Base
80-100 volume	APP Modular Special Base Thinner 80-130

B) For temperatures from 25°C to 35°C:

100 volumes	APP Modular Special Base
80-100 volume	APP Modular Special Base Thinner 80-140

Thinner may be used

- APP Acryl Verdunnung - slow or normal evaporation time



Spray viscosity: 16-18 s 4mm DIN/+20°C.

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

Application.

Caution!
Check the colour of the paint by spraying a test coat every time.

Apply with a spray gun equipped with a nozzle of
ø1.2-ø1.4 mm at an air pressure of 1.5 to 2.5 bar.

Number of coats:

- solid colours: 2 full coats,
- metallic and pearlescent colours: 2 full coats and 1 skimmed coat (approx. 30% of full coat).

Dry film thickness: 20-30 µm.
Recommended working conditions:

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

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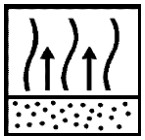
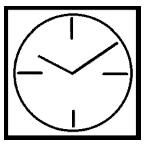


Intercoat evaporation time at +20°C:
5-7 minutes.
Shelf life of ready-to-use mixture in tightly closed factory packaging: 2 years.

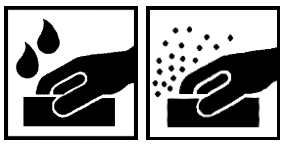
Drying.



At +20°C:

Dry, matt and ready to cover:	15 minutes.
Maximum time to cover:	approx. 6 hours

Sanding.



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

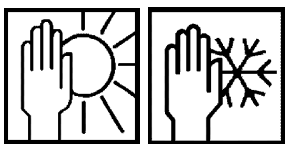
- wet with waterproof sandpaper P800-P1500
- manually dry with NTools FLEXPAD Microfine abrasive sponge or APP PS G P600-P800 sponge abrasive paper.

Coverage.

After drying the basecoat, clean its surface with APP SAS dust cloth or APP SAS Aqua and coat with binary colourless topcoat, e.g. APP Klarlack UHS 410,
APP Klarlack Glosser, APP Klarlack S Pro,
APP Klarlack Beta, APP Klarlack Spezial S,
APP Klarlack Compact APP Klarlack Smart,
APP Klarlack Matt or APP Klarlack FD Spray.

Equipment cleaning. Nitrocellulose solvent.

Storage



Store in closed, original containers in dry and well-ventilated rooms. Protect from freezing.

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Safety regulations

For professional use only.
See text on product labels or safety data sheet
Material Safety Data Sheet.
The user must comply with the health and safety regulations in force in the country concerned.

VOC/VOC

Permissible VOC g/l in the ready-to-use product:
840 g/l for APP Modular Special Base.
Maximum VOC content g/l in ready-to-use product:
<840 g/l for APP Modular Special Base.

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