

TECHNICAL INFORMATION

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28.03.2012

Updating Date:

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Product Name: Blending in Resin APP Modular Special Base 80-01. APP No.: 0260001

Resin purposed specifically to eliminate sharp edges and for blending new layers of the base coat in the existing layers. It is purposed to eliminate any colour varieties during repairs and blending in adjacent elements with special APP Modular base coats

Product and additives: APP Modular Special Base 80-01
APP Verdunnung AVN.

Main components: APP Modular Special Base- resin drying as a result of evaporation of a thinner.
APP Verdunnung AVN- thinner of standard evaporation time.

Colour: transparent.

Yield: 14-16 m²/l for 10-20µm thick coat
Note!
In practice yield depends on many factors as: object's shape, colour, application method and work conditions.

Application: Product specifically purposed for blending in SPOT/SMART repairs with APP Modular system base coat.

Subbase:

Proper subbase: Factory made surfaces after grinding.
Surfaces after initial treatment:

- Acrylic primers e.g. APP 2 K HS Acrylfiller 4:1, APP 2K HS Acrylfiller, APP 2K HS Compact Acrylfiller
- Epoxy primers e.g. APP 2K Grund EP
- One-component fillers e.g. APP 1K Filler

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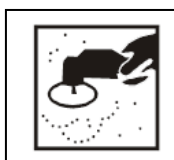
- One-component water soluble filling primer APP 1K Aqua Primer
- Sealing – filling primer APP Smart Primer
- Adhesive primers e.g. APP 1K Kunststoff-Primer.

Note!

Do not apply the product on APP 1K Haftgrund or APP 2K Haftgrund.

Do not apply the product on thermo-plastic finish.

Subbase preparation:



Initial machine grinding with P360-P400 abrasive paper. Finish machine grinding with P500 abrasive paper.



Initial manual grinding with water-resistant P600-P800 abrasive paper.
Finish manual grinding with water-resistant P1000 abrasive paper.



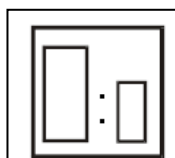
Grind the area purposed for blending in with the grey or abrasive pad with the addition of matt paste APP PM-07

Before spraying with APP Modular Special Base clean the surface to be coated to remove dust and degrease with W900 and WB900 remover and APP Premium industrial wiper.

For final dusting use APP SAS or APP SAS Aqua dust-absorptive cloths.

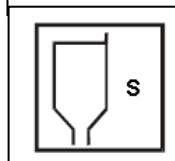
Use:

Mixing ratio:



Mixing ratio per volume:

100 volume	APP Modular Special Base 80-01
80-100 volume	app Verdunnung AVN



Spray viscosity: 18-22sec. 4mm DIN/+20°C

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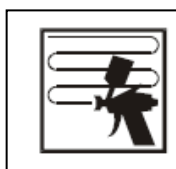
Application:



Note!

Every time perform test spraying to check top coat colour.

Apply with a spray gun fitted with a nozzle \varnothing 1.2-1.4mm at air pressure from 2.0 to 3.5bar.



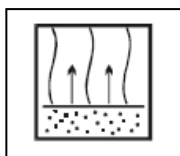
Coats number:

- 1 wet layer
- If necessary during blending in a single coat may be added.

Dried coat thickness: 10-20 μ m.

Recommended work conditions:

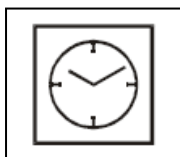
- Minimum temperature: +15°C
- Maximum relative humidity: 75%



Between-coat evaporation time at temperature +20°C:
5-7 minutes.

Shelf life of a ready to use mixture kept in tightly closed container: 2 years.

Drying:



At temperature +20°C:

Ready to be covered with APP Modular Special Base: 5-7 min

Ready to be covered with clear coat: 15-20min

Coverability:

In case of wet on wet system it is purposed for coverage with APP Modular Special Base.

Following drying apply two-componen clear top coats,

Np. APP 2K HS Klarlack 3060, APP 2K HS Klarlack 1560 Express.

APP 2K HS Acryl Klarlack Spezial S or

APP 2K HS Klarlack Smart

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Grinding:



If necessary e.g. inclusion, perform grinding after drying:

- On wet with P800-P1500 water-resistant abrasive paper.
- Manually on dry with APP Ultra Fein abrasive sponge or APP515 P600-800 sponge with abrasive paper.

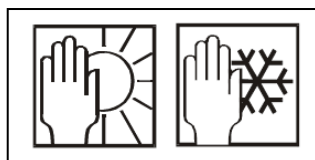
Coverage:

After drying apply two-component clear top coats, e.g. APP 2K HS Klarlack 3060, APP 2K HS Klarlack 1560 Express, APP 2K HS Acryl Klarlack spezial S or APP 2K HS Klarlack Smart.

Cleaning of equipment:

nitrocellulose solvent

Storage:



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

Protect against freezing

Industrial Safety:



Product for professional use only.

See: labels on containers and MSDS.

User must follow locally and regionally applicable industrial safety regulations.

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