

# APP modular





## The APP Modular color system has been developed for paintjob.

### The system's main advantages are:

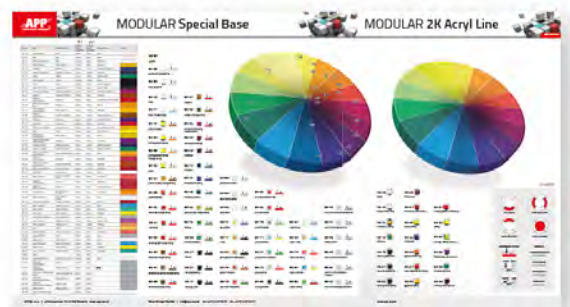
- an easy to maintain system
- a Modular formula system available online
- a modern and professional construction
- specialized training conducted by APP technical consultants
- professional image of the workshop in the customers' perception

### The MODULAR Color System includes:

- 1 mixing tool (mixer)
- 2 pigments
- 3 MODULAR formula program ColorBOX color templates
- 4 (chromatic) board a table and color wheel
- 5 scale
- 6



1



5



2



3



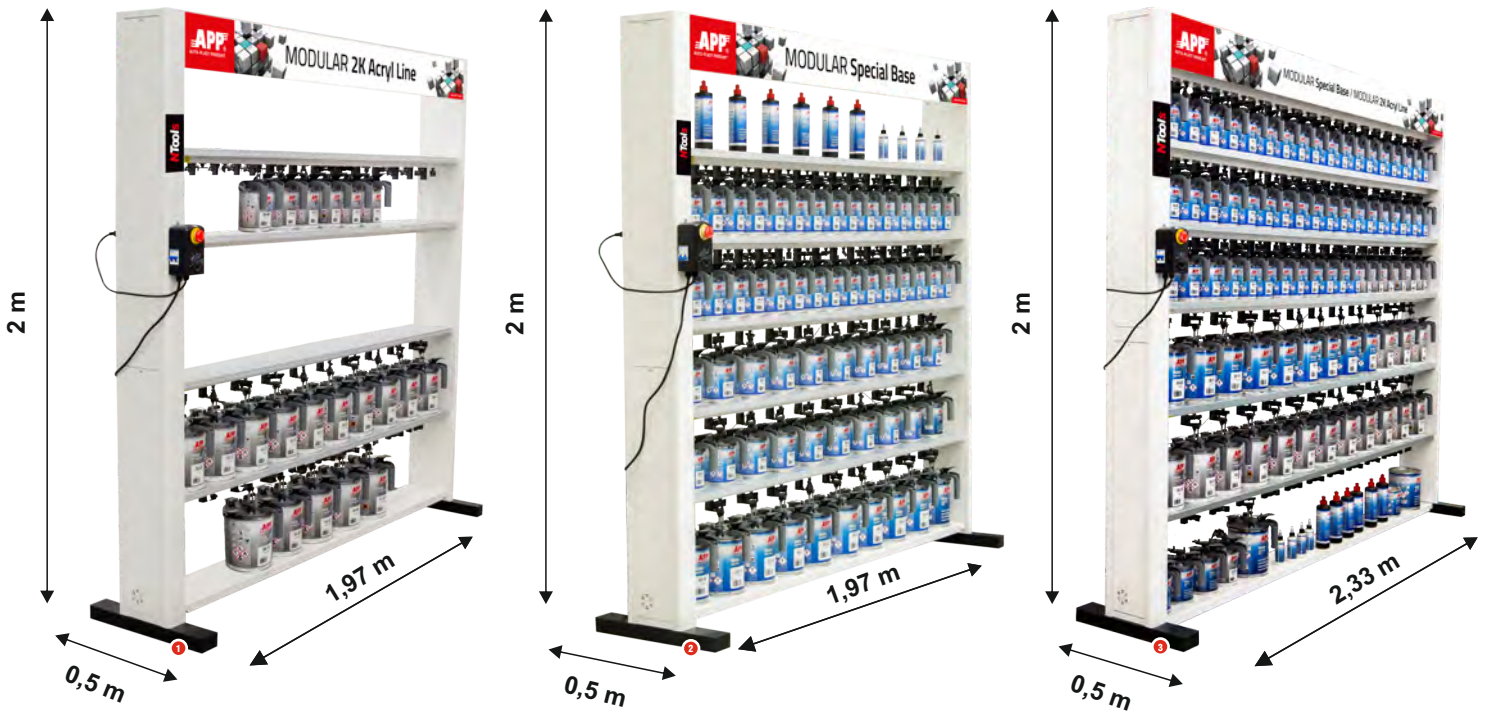
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6

## Mixing tool > MIXER

The mixing tool is a modern and reliable construction characterized by practically maintenance-free operation. It allows to correctly and precisely mix pigments in the packaging and correctly maintain and prepare the coloring system for work.



### FEATURES:

- Beltless drive
- Noiseless operation
- Easy and quick assembly
- Emergency stop switch
- Low energy consumption.

APP Nr	PRODUCT	QTY
1 170352A	NTools Modular Mixing Machine – Mixing machine including stirrers, 6x1.0L and 15x3.5L, Acrylic	1 pc.
2 170352B	NTools Modular Mixing Machine - Mixing machine including stirrers, 48x1.0L and 9x3.5L, Base	1 pc.
3 170353	NTools Modular Mixing Machine - Mixing machine including stirrers, 54x1.0L and 24x3.5L, Acrylic + Base	1 pc.

## FORMULA PROGRAM

The formula program is an essential part of the APP modular mixing system. Thanks to a large amount of available formulas (nearly 100 thousand), it is possible to achieve practically any color.

The program is installed during system assembly and is also available on a CD. The database is updated every two weeks, which makes it possible to upgrade the program with new formulas.



### Minimum system requirements:

System: Windows XP SP2  
 (.NET Framework 3.5) Processor: 1,6 GHz  
 Memory: 512 MB RAM  
 Free hard drive space: 300 MB  
 Screen resolution: 1024x768 px

## Software functions:

- 1 Quick and intuitive formula search, e.g. according to color, color name or manufacturer.
- 2 Possibility to achieve nearly **100 THOUSAND COLORS**
- 3 Possibility to easily calculate the cost of the achieved mixture, set your own price list, maintain a storage economy.
- 4 Thanks to the software's compatibility with the scale it is possible to precisely dose the amount of pigments, observing the readings on the computer screen, quickly calculate the formula at the time of adding too much of one of the pigments. This function also works remotely without connecting the scale.
- 5 The search function shows the approximate colors of your formula.
- 6 It allows to prepare a ready to use mix or a mix with a matting additive.
- 7 Possibility to save and edit your own formulas (create your own color library)
- 8 In case of difficult, three-layer colors or colors with low coverage, the program suggests use of so called "undercoats".
- 9 The software has the ability to provide the suggested amounts needed to cover an element.

## SCALE

A modern, highly precise device which allows to exactly measure the required amount of components with an option of readings accurate to two decimal points. The device's additional advantages are its compatibility with the formula software, a clear display and stability of operation.



APP Nr 0260107

Thanks to the formula software's compatibility with the scale it is possible to precisely dose the amount of pigments, observing readings on the computer screen and quickly calculate the formula in case of adding an excessive amount off one of the pigments. This function also works remotely without connecting the scale.



**APP PMA Cover Set**  
is a protection cover set  
designed to be used with  
APP Sartorius PMA  
Evolution  
**APP Nr 0260146**



## ColorBOX

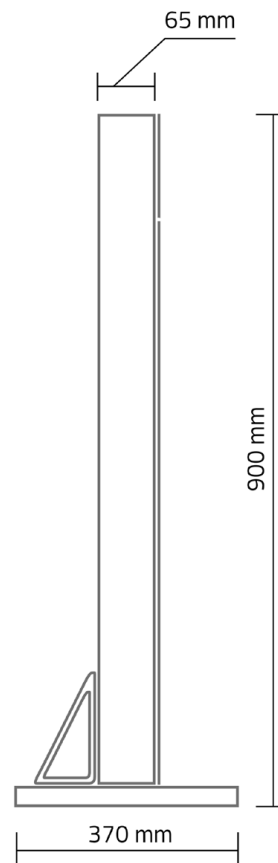
The APP ColorBOX in a chromatic system offers over 6700 flash cards which allow to search for a paint or lacquer color without the need to enter a color code and brand of the vehicle.

Simple and clear labeling facilitate searching for the right flash card and, in the case of searching for a color without information of the code or color name, the system and its labeling allows to quickly search for formulas in the formula software.

**At least once per year the color documentation is supplemented with new colors and their variants.**



APP Nr 0260000



**75** color sets

including  
**13** solid sets  
solid colors, without effects,  
labeled with the letter **(S)**

**62** sets with special effects  
sets with special effects  
metallic, pearl, xyralic  
which changes color  
depending on the angle,  
marked with an **(M)**



If you do not need to buy the entire APP Modular System, you can buy the Modular ColorBOX and on its basis order singular ready colors at quantities starting with 0,3 liters



The MODULAR System is divided into two groups:

1

APP Modular Special Base – base, conventional lacquers

**mixed in a 1:1 ratio with thinner**

2

APP Modular 2K Acryl Line – acrylic lacquers

**mixed in a 2:1 ratio with hardener**

# 1 Modular Special Base

## 57 pigments

**including:**

- 47 pigments in 1 liter packages
- 8 pigments in 3,5 liter packages
- 2 pcs. x resin 1L and 3.5L

**PIGMENT TYPES:**

- 29 solid pigments
- 14 pearl pigments
- 7 aluminum pigments  
[6 metallic pigments + 1 gold pigment]
- 5 xyralic pigments
- 2 resins [colorless + changing flop]

**ADVANTAGES AND BENEFITS:**

arising from using the APP Modular Special Base color system:

- mixing in a 1:1 ratio with thinner
- very good coverage
- very good formula compatibility
- easy application
- very good flow properties
- very short drying time
- possibility of easy and quick processing of the base lacquer
- possibility to use with the APP thinner
- a minimum number of pigments allows to limit inventory states.



## 4 Colouring additive

# Magic Mist



APP Nr 0260024-0260027

### AVAILABLE COLOURS:

- 80-24 Yellow-blue 100 ml
- 80-25 Purple-green 100 ml
- 80-26 Green-red 100 ml
- 80-27 Green-orange 100 ml



APP Modular Magic Mist relates to colouring agent available in recipe set of APP Modular Special Base System.

Thanks to this additive you can restore any latest colour with special effects. As the light reflection depends on viewing angle the final effects may vary.

It is purposed for use as an additive to obtain the latest colours with special effects in case of multi layer topcoating systems.

## 6 Colouring additive

# Colour Ink



APP Nr 0260041-0260046

### AVAILABLE COLOURS:

- 80-41 red 500 ml
- 80-42 orange 500 ml
- 80-43 blue 500 ml
- 80-44 yellow 500 ml
- 80-45 brown 500 ml
- 80-46 black 500 ml



APP Modular Colour Ink relates to colouring agent available in recipe set of APP Modular Special Base System.

Thanks to Colour Ink additive you can obtain deeply intense colours of car and motorcycle body top coat.

It is purposed for use as an additive to obtain the latest deep and intense colours in case of multi layer topcoating systems.



# Super Black

## Base coat



APP Nr 0260002, 0260003

80-02 Super Black 1.0L / 3.5L Super Black

**Modular Special Base 80-02 Super Black** offers the darkest and deepest shade of black (spectrum near the dark blue and it is the darkest shade perceived by human eye)

Basecoat 80-02 is not included in recipes offered under APP Modular System, but may be mixed with other pigments included in APP Modular Special Base system and some additives: Magic Mist, Colour Ink, Interior Converter 80-04, blending-in dedicated resin 80-01. To be used with APP Modular Special Base Thinner (1:1 ratio)

### Advantages:

Good hiding power (2-3 coats)  
May be used with base coats for "wet on wet" technique  
"Super Black" among all pigments of APP Modular  
APP Modular Special Base imparts deep black colour when painting the whole components and supplements the offer dedicated for users of APP Modular mixer facilitates works related to colour matching

# Interior Converter



APP Nr 0260004

## Base Coat Converter

80-04 Converter 1,0 liter

**APP Modular Base Converter** is purposed for base coats of APP Modular Special Base system. Spraying the base coat along with the converter on internal surfaces of e.g. engine compartment, boot, recess, car interior etc. eliminates the need to apply a clear top coat.

The converter provides a satin coat that protects against operation related mechanical damages.

### CAUTION!

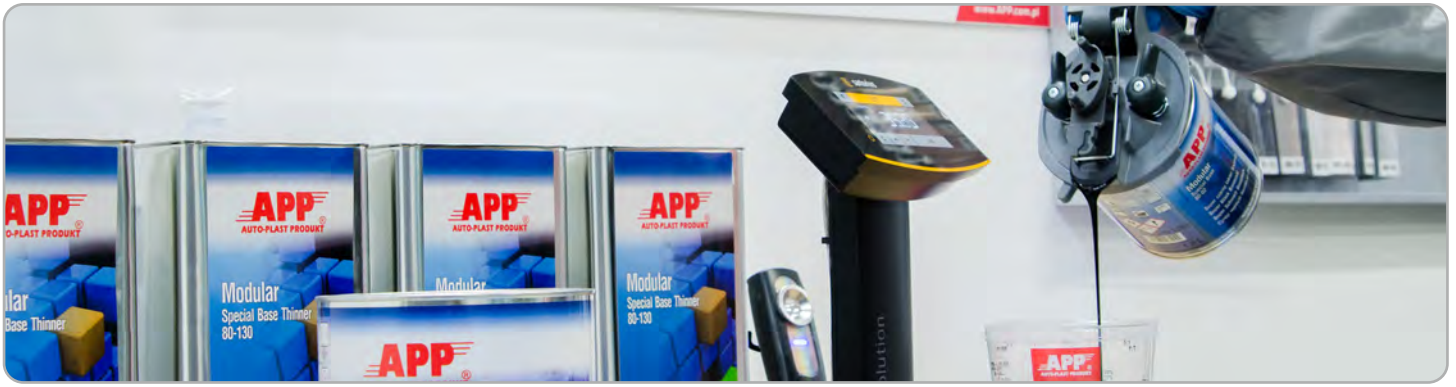
The additive is offered in terms of APP Modular Special Base System, and is affects the strength of coat only.

### Use:

Mixing ratio by volume:

- 70 volumes of APP Modular Special Base
- 30 volumes of APP Modular Special Base 80-04 Interior Converter
- 50 volumes of APP 2K Acryl Verdunnung AVN





# Base thinner

recommended



APP Nr 0260131, 0260135, 0260141, 0260145

## AVAILABLE COLOURS:

**80-130** normal 1 liter / 5,0 L

**80-140** slow 1 liter / 5,0 L

### APP Modular Special Base Thinner

APP Modular Special Base Thinner is designed for adjustment of spraying viscosity of base lacquers.

### Application

The advanced recipe of organic thinners makes the basic thinner fully compatible with base lacquer APP Modular Special Base and with all base lacquers of similar type, available on the market.

### Use

Use according to the recipe of the thinner.

# Resin

special paint



APP Nr 0260001

**80-01** Special paint - resin 1,0 liter

Resin purposed for elimination of sharp edges and blending in of new top coats. It eliminates any colour varieties during local repairs and blending in with special APP Modular System base coat.

### Yield

14-16 m<sup>2</sup> / l for 10-20µm thick dry coat.

### Application

The product purposed for special applications during blending in and SPOT/SMART type repairs with APP Modular System base coat.

### Use

Apply one coat of the preparation on the area purposed for blending in and following expire of evaporation time (Wet on wet) apply the blending in layer of the base coat. Cover with the clear top coat following around 15 minutes.

**Caution!** Do not apply on APP 1K Haftgrund or APP 2K Haftgrund. Do not apply in case of thermoplastic finish.

The MODULAR System is divided into two groups:

1

**APP Modular Special Base** – base, conventional lacquers – mixed in a 1:1 ratio with thinner

2

**APP Modular 2K Acryl Line** – acrylic lacquers – mixed in a 2:1 ratio with hardener

# 2 Modular 2K Acryl Line

The APP Modular 2K Acryl Line is a line of dual-component, low-emission lacquers.

They are acrylic-polyurethane lacquers with a short drying time and high quality. They are intended to paint utility vehicles, busses, cisterns, visible and heavily loaded machine elements and structural elements.

They are characterized by very high resistance to mechanical damage, impact, scratches, as well as chemical factors, such as acids and alkalis in low concentrations, as well as fat and petroleum.

## 21 pigments

including:

**6** pigments in 1 liter packages

**14** pigments in 3,5 liter packages

**1 pc.** resin 3.5L

### PIGMENT TYPES:

**20** solid pigments

**1** resin [slowing down drying in high temperatures]

### ADVANTAGES AND BENEFITS:

arising from using the APP Modular 2K Acryl Line color system

- typical proportions for mixing with a hardener: 2:1,
- very good coverage,
- very good color compatibility of formulas,
- easy application,
- short drying time,
- simple and quick processing,
- high gloss coating.

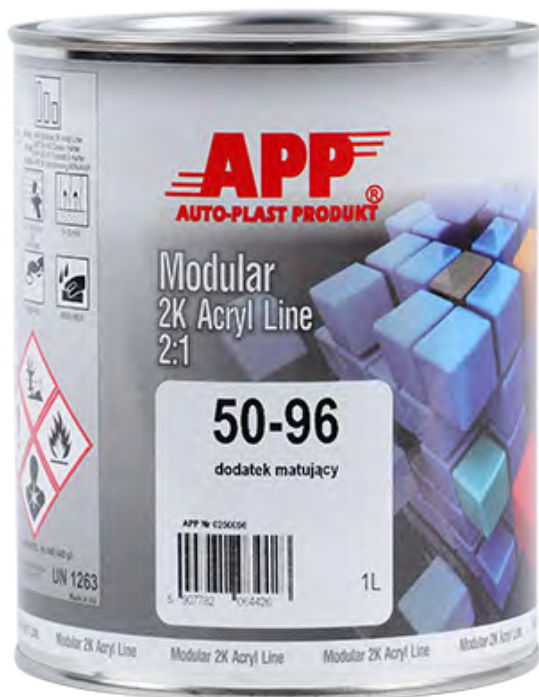


APP Nr 0250000-0250099



# Resin

## matt additive



### 50-96 Matt additive 1,0 L

Special purpose product intended for dulling of APP Modular 2K Acryl Line top coat. Application of matting additive does not result in discoloration, change of levelling and UV resistance.

#### Advantages:

- Proper consistency of dulling additive that enables mixing with the stirrer.
- Uniformed dull effect of the whole coated surface regardless of sprayed coat thickness.

#### Use.

Mixing ratio by volume before adding the hardener. and thinner to the top coat:

#### Semi-matt:

- 30% by volume of dulling paste
- 70% by volume of APP Modular Acryl Line

#### Matt:

- 100% by volume of dulling paste
- 100% by volume of APP Modular Acryl Line

**Caution!** Mixing ratio of hardener and thinner for the desired effect shall be according to ratio of top coat.

Drying time of top coating along with dulling paste is not significantly longer than drying time of the top coat, as specified in manufacturer's instruction.

## DEDICATED PRODUCTS / Modular Special Base



**APP Klarlack S Pro 2:1 + Harter**  
Two-Component Acrylic Clear Lacquer + hardener Basecoat and acrylic product dedicated thinner



**APP 2K HS Acryl Klarlack Classic 2:1 + Harter**  
Two-component acrylic clearcoat + hardener



**APP 2K HS Acryl Klarlack Spezial S 2:1 + Harter**  
Two-component acrylic clearcoat with a special effect + hardener



**APP 2K Acryl Klarlack Compact 2:1 + Harter**  
Two-component acrylic clearcoat + hardener



**APP Klarlack Glosser 2:1 + Harter**  
Two-component acrylic clearcoat + hardener

## DEDICATED PRODUCTS / Modular 2K Acryl Line



**APP Acryl Verdunnung**  
Acryl Thinner for acrylic products and basecoats



**APP 2K HS Classic Harter**  
Hardener for two-component acrylic clearcoat



**APP 2K HS Spezial S Harter**  
Hardener for two-component acrylic clearcoat with special effect



**APP 2K Elastic**  
Elasticity agent for two-component acrylic paint



**APP Anti-Silikon**  
Antisilicon

## DEDICATED PRODUCTS / Modular Special Base, Modular 2K Acryl Line



**NTools Colour Check 4500**  
Inspection Lamp



**APP TSK 100**  
Test Card Paper



**APP TKM**  
Metal test card



**APP UTSK**  
Paper card holder



**APP PUM**  
Stand and magnetic holder



**NTools Modular Lid**  
Stirrer for cans APP Modular



**APP M Skal**  
Aluminum scaled strip for mixing 2K



**APP Mixing Cup Pro**  
Cup for mixing paints and varnishes



**APP M OTW**  
APP stirrer with can opener



**NTools Modular Adapter**  
Stand for 1.0L Package "Butterfly" or "Rack" Type