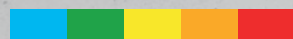
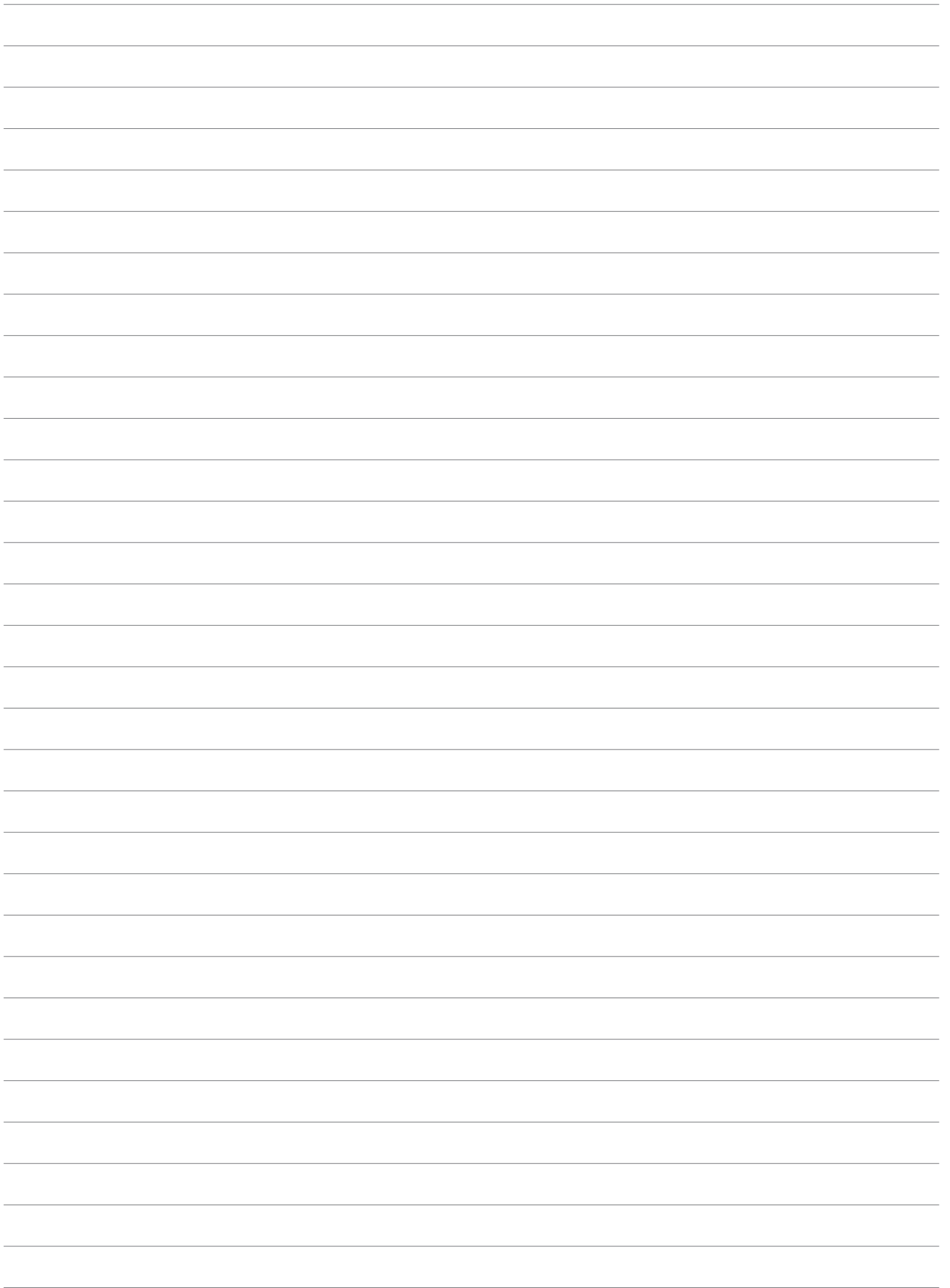


APP
AUTO-PLAST PRODUKT

modular





• Color selection system

The APP color system was developed for body shop providing professional paint repair services

➤ The system's benefits are:

- economical exploitation
- Modular formula software available online
- modern and professional construction
- specialized training courses conducted by APP technical consultants.
- professional workshop image among customers



The MODULAR Color Selection System includes:

mixing device (mixers)



pigments



MODULAR formula software



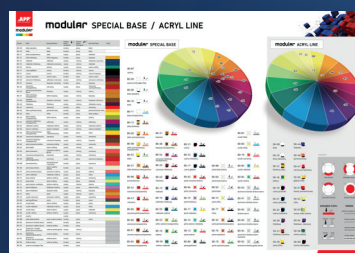
5-angle spectrophotometer with a camera



Color Box chromatic color template



color table and wheel board

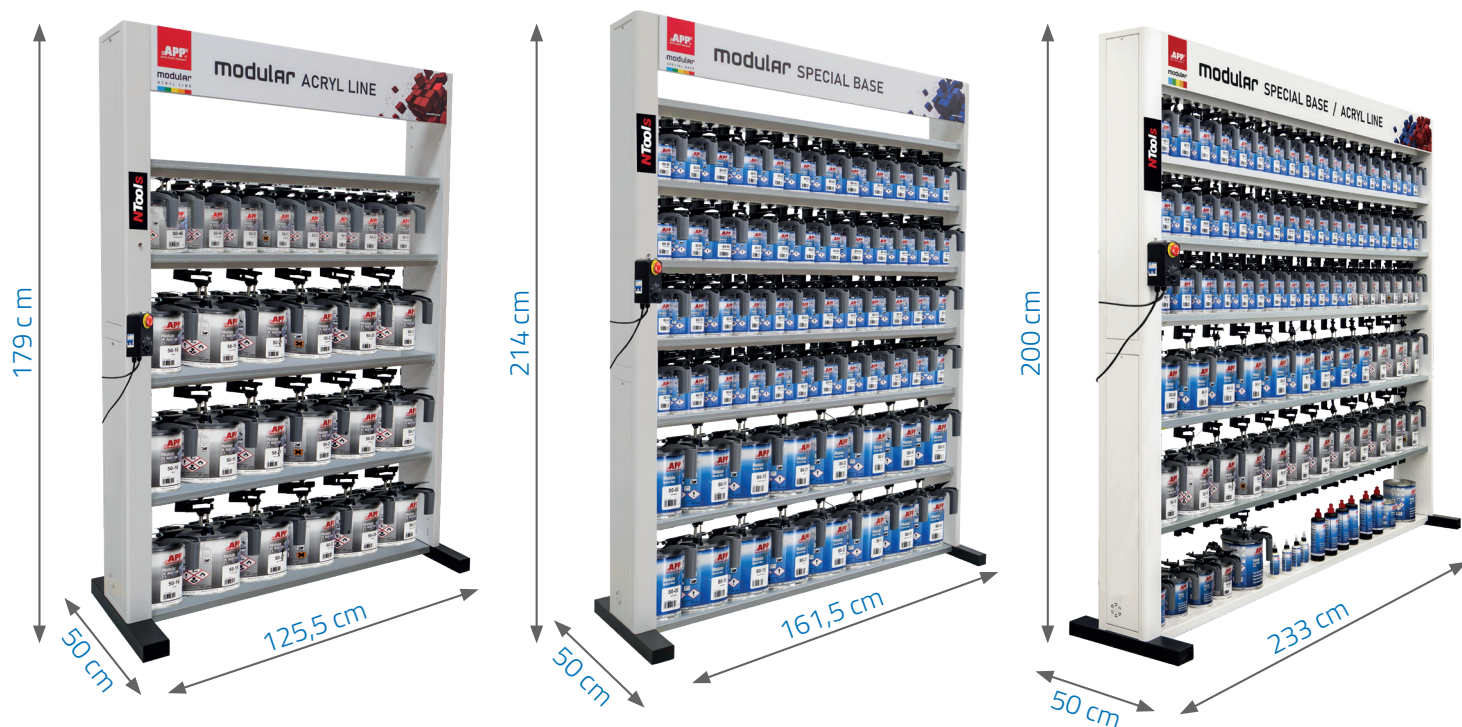


scale



• NTools Modular Mixing Machine

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.



Design

1 Stable construction

Compact design, easy and quick assembly

2 Emergency stop switch

Providing immediate machine stop

3 „TIMER“

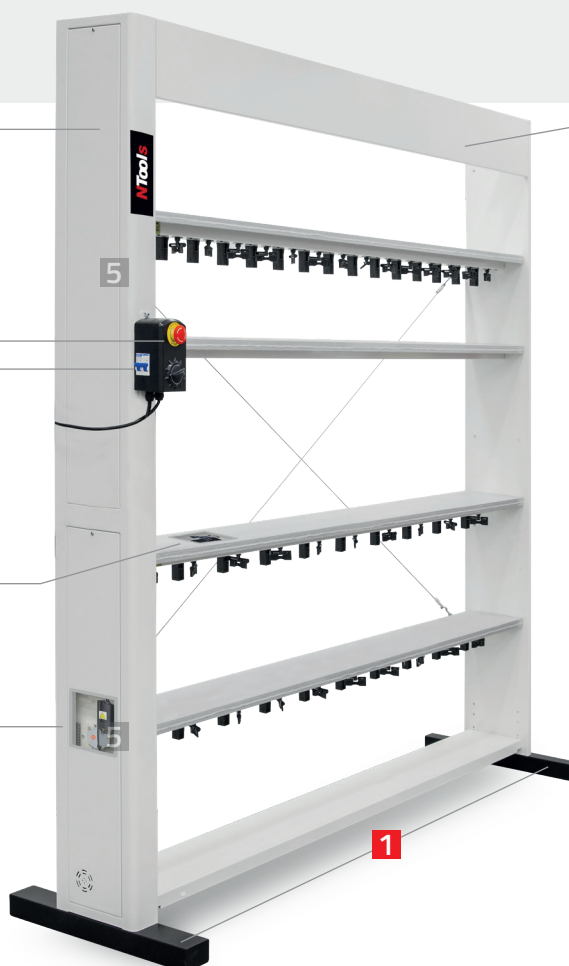
Programmable work time (1-15 min)

4 Gear drive mechanism

5 Each shelf with dedicated electric drive

BELT-FREE DRIVE!

NOISELESS OPERATION!



NTools



• Color Box chromatic color pattern

The APP ColorBOX in a chromatic system offers over 7000 flashcards 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 flashcard 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 a year the color documentation is supplemented with new colors and their variants.



75 color sets

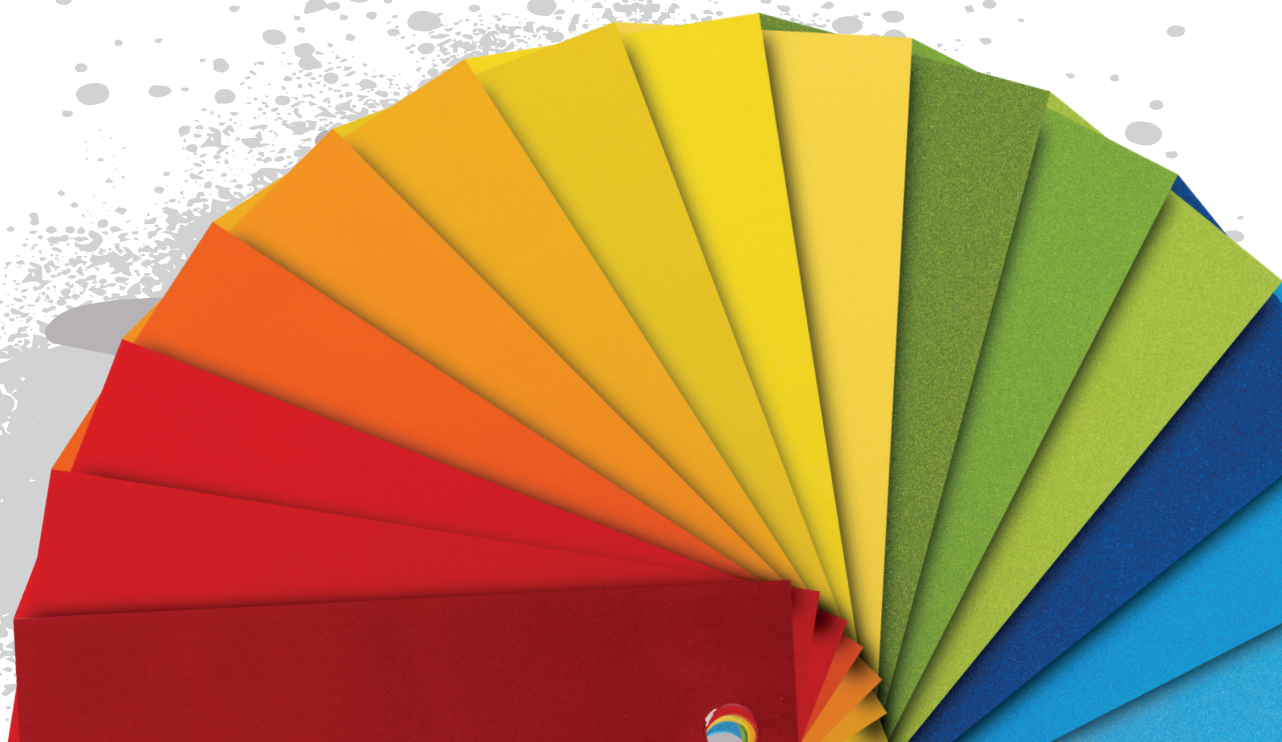
including:

13 solid sets

solid colors, without effects,
labeled with the letter (S)

62 sets with special effects

metallic, pearl, xyralic
which change color
depending on the angle,
marked with an (M)



- 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

modular
SPECIAL BASE

A P P M O D U L A R

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

total 79.5 liters



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.

• APP Modular Special Base

Special base paint - pigments SOLID, ALUMINUM, PEARL, XYRALLIC and formula resins

The APP Modular Special Base is a base paint with very good utility properties and high coverage. The product is intended for use in multi-layered surface coating systems. It is characterized by excellent adhesion to acrylic, bases, epoxy bases, and old paint coats. After drying, the matt surface ensures excellent adhesion for the clearcoat.

➤ ADVANTAGES:

- mixing proportions with thinner - 1 : 1
- very high efficiency
- very good coverage
- large amount of modifying additives
- easy application



Toners in the mixer
mix once a day



100 obj. APP Modular Special Base
100 obj. APP Modular Base Thinner



16-18 s
4 mm DIN
+20°C



ø12-14 mm
1,5-2,5 bar
2-3 x 1



P800-P1000



P400-P500



5-7 min



15 min / +20°C

Modular Special Base /

Special paint

- SOLID pigments

VOC/LZO 2004/42/EC- II B (e)(840): <717 g/l

APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260009	80-00	can	special white	3,5L	2 pcs.
0260010	80-10	can	white	3,5L	2 pcs.
0260011	80-11	can	transparent white	1,0L	3 pcs.
0260012	80-12	can	oxide yellow	1,0L	3 pcs.
0260013	80-13	can	blue	1,0L	3 pcs.
0260015	80-15	can	blue - violet	3,5L	2 pcs.
0260016	80-16	can	green	1,0L	3 pcs.
0260017	80-17	can	deep black	1,0L	3 pcs.
0260021	80-21	can	black	3,5L	2 pcs.
0260022	80-22	can	mixed black	3,5L	2 pcs.
0260029	80-29	can	red-violet	1,0L	3 pcs.
0260031	80-31	can	brown	1,0L	3 pcs.
0260032	80-32	can	transparent red	1,0L	3 pcs.
0260037	80-37	can	transparent oxide yellow	1,0L	3 pcs.
0260038	80-38	can	transparent brown	1,0L	3 pcs.
0260040	80-40	can	violet	1,0L	3 pcs.
0260047	80-47	can	red	1,0L	3 pcs.
0260050	80-50	can	yellow-orange	1,0L	3 pcs.
0260052	80-52	can	yellow	1,0L	3 pcs.
0260053	80-53	can	transparent yellow-green	1,0L	3 pcs.
0260054	80-54	can	transparent red-violet	1,0L	3 pcs.
0260055	80-55	can	blue-green	1,0L	3 pcs.
0260056	80-56	can	green-blue	1,0L	3 pcs.
0260058	80-58	can	transparent yellow-orange	1,0L	3 pcs.
0260060	80-60	can	transparent red	1,0L	3 pcs.
0260061	80-61	can	transparent red-brown	1,0L	3 pcs.
0260065	80-65	can	transparent red	1,0L	3 pcs.
0260066	80-66	can	semi-transparent red	1,0L	3 pcs.
0260068	80-68	can	orange	1,0L	3 pcs.



Modular Special Base /

Special paint

- ALUMINUM pigments

VOC/LZO 2004/42/EC- II B (e)(840): 717 g/l

APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260090	80-90	can	aluminum medium grain	1,0L	3 pcs.
0260091	80-91	can	aluminum fine grain	3,5L	2 pcs.
0260092	80-92	can	mirror - very coarse grain	1,0L	3 pcs.
0260093	80-93	can	very fine grain	3,5L	2 pcs.
0260094	80-94	can	mirror - medium grain	3,5L	2 pcs.
0260095	80-95	can	fine grain	1,0L	3 pcs.
0260077	80-77	can	gold	1,0L	3 pcs.



Modular Special Base /

Special paint

- PEARL pigment

VOC/LZO 2004/42/EC- II B (e)(840): 717 g/l

APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260033	80-33	can	pearl bright orange	1,0L	3 pcs.
0260062	80-62	can	pearl fine red	1,0L	3 pcs.
0260063	80-63	can	pearl white	1,0L	3 pcs.
0260064	80-64	can	pearl red	1,0L	3 pcs.
0260069	80-69	can	pearl fine white	1,0L	3 pcs.
0260070	80-70	can	pearl bright red	1,0L	3 pcs.
0260071	80-71	can	pearl blue	1,0L	3 pcs.
0260072	80-72	can	pearl green	1,0L	3 pcs.
0260073	80-73	can	pearl yellow	1,0L	3 pcs.
0260074	80-74	can	pearl green-blue	1,0L	3 pcs.
0260075	80-75	can	pearl violet	1,0L	3 pcs.
0260076	80-76	can	pearl copper	1,0L	3 pcs.
0260080	80-80	can	pearl graphite	1,0L	3 pcs.
0260088	80-88	can	pearl fine white	1,0L	3 pcs.



APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260079	80-79	can	xyralllic red	1,0L	3 pcs.
0260081	80-81	can	xyralllic white	1,0L	3 pcs.
0260082	80-82	can	xyralllic blue	1,0L	3 pcs.
0260083	80-83	can	xyralllic gold	1,0L	3 pcs.
0260084	80-84	can	xyralllic green	1,0L	3 pcs.



APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260087	80-87	can	colorless	3,5 L	2 pcs.
0260099	80-99	can	chameleon flop	1,0 L	3 pcs.



• ADDITIONS FOR THE MODULAR SPECIAL BASE SYSTEM

• APP Modular Colour Ink Colour additives

APP Modular Colour Ink is a pigmentation additive which is part of base paint formulas in the APP Modular Special Base color system.

The additive's application allows to obtain high intensity colors for motorcycles and car bodywork.

➤ ADVANTAGES:

- does not require mechanical mixing
- allows to obtain the latest, intense colors
- expands the number of formulas to motorcycles

APP NO.	Description	Packaging	Type / Color	Volume	Col. Pack.
0260041	80-41	bottle	red	500 ml	6 pcs.
0260042	80-42	bottle	orange	500 ml	6 pcs.
0260043	80-43	bottle	blue	500 ml	6 pcs.
0260044	80-44	bottle	yellow	500 ml	6 pcs.
0260046	80-46	bottle	black	500 ml	6 pcs.



• APP Modular Magic Mist Colour additives

APP Modular Magic Mist is a pigmentation additive which is part of base paint formulas in the APP Modular Special Base color system. The additive allows to create colors with special effects. Depending on the angle at which the surface is observed, different color effects can be obtained.

➤ ADVANTAGES:

- does not require mechanical mixing
- essential to obtaining chameleon type effects

APP NO.	Description	Packaging	Type / Color	Volume	Col. Pack.
0260024	80-24	bottle	yellow-blue	100 ml	4 pcs.
0260025	80-25	bottle	violet-green	100 ml	4 pcs.
0260026	80-26	bottle	green-red	100 ml	4 pcs.
0260027	80-27	bottle	green-orange	100 ml	4 pcs.



• APP Modular Special Base Blending Resin

Resin for blending with base paints

The APP Modular Special Base 80-01 blending resin is intended for evening out color differences during SPOT/SMART repairs and blending adjacent elements with paints in the APP Modular system.

➤ ADVANTAGES:

- high efficiency: 1,0 L provides 2,0 L of a ready to use product.
- does not alter the color of the substrate and applied base
- dual purpose: as an additional layer or additive to applied base coats

APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260001	80-01	can	for blending	1,0 L	3 pcs.

VOC/LZO 2004/42/EC- II B (e)(840): 726 g/l



• APP Modular Special Base Super Black Basecoat

Super black base paint coat

APP Modular Special Base 80-02 Super Black is characterized by intensely deep blackness (the color's spectrum is shifted towards navy blue, which is why the human eye perceives it as the blackest color). The 80-02 base paint is not part of color formulas in the APP Modular color system, but can be mixed with other pigments in the APP Modular Special Base system with the additives: Magic Mist, Color Ink, Interior Converter 80-04, and blending resin 80-01.

APP NO.	Description	Packaging	Type / Color	Volume	Col. Pack.
0260002	80-02	can	super black	1,0 L	3 pcs.
0260003	80-02	can	super black	3,5 L	2 pcs.

VOC/LZO 2004/42/EC- II B (e)(840): 840 g/l



• APP Modular Special Base Interior Converter

Base paint converter

APP Modular Special Base 80-04 Interior Converter is an additive intended for use with APP Modular Special Base paints. After spraying the base paint and converting additive mix onto interiors of, e.g. the motor compartment, trunk compartment, recess, etc., there is no need to use a clearcoat. After using the additive, the surface receives a satin finish and becomes resistant to mechanical damage caused by exploitation.

➤ ADVANTAGES:

- reduces interior clearcoating costs
- adapts the interior restoration to factory technology
- reduces time and simplifies interior clearcoating technology

APP NO.	Description	Packaging	Type / Color	Volume	Col. Pack.
0260004	80-04	can	converter	1,0 L	3 pcs.

VOC/LZO 2004/42/EC- II B (e)(840): 707 g/l



• APP Modular Special Base - Blue Aluminium

Color additiv - blue aluminium

APP Modular Special Base 80-78 Blue Aluminium is a color additive with a fine blue grain effect, included in base formulas in the APP Modular Special Base color system (e.g., in Peugeot EQB, Citroen EH2). The additive is applicable to blue formulas, but can also be mixed with other pigments included in the APP Modular Special Base system and with additives: Magic Mist, Color Ink, Interior Converter 80-04, Shading Resin 80-01. It is also applicable for creating your own individual color formulas. APP Modular Special Base 80-78 Blue Aluminium is a base coat that requires thinning with APP Modular Special Base Thinner.

APP NO.	Description	Colour / Option	Volume	Sale unit
0260078	80-78	blue aluminium	1,0L	pcs



• APP Modular Special Base - 3D Effect

Colour additiv - 3D Effect

APP Modular Special Base 80-85 3D Effect is a color additive with a very coarse grain effect, included in base formulas in the APP Modular Special Base color system (e.g., in Peugeot ESY, Toyota 226).

The additive is applicable in formulas with a very coarse, spatially arranged grain effect, but can also be mixed with other pigments included in the APP Modular Special Base system and with additives: Magic Mist, Color Ink, Interior Converter 80-04, shading resin 80-01. It is also applicable for creating your own individual color formulas.

APP Modular Special Base 80-85 3D Effect is a base coat that requires thinning with APP Modular Special Base Thinner.

APP NO.	Description	Colour / Option	Volume	Sale unit
0260085	80-85	3D effect	1,0L	pcs



• APP Modular Special Base Liquid Aluminium

Colour additiv

APP Modular Special Base 80-96 Liquid Aluminum is a pigmentation additive with the effect of a very fine, silver grain, constituting a part of base formulas in the APP Modular Special Base color system (e.g. in the Mazda 46G color). This additive finds application in silver, grey, graphite and other formulas, but can also be mixed with other pigments in the APP Modular Special Base system, and additives such as: Magic Mist, Color Ink, Interior Converter 80-04, blending resin 80-01. It can also be used when painting car wheel rims, railings, finishing strips, etc. APP Modular Special Base 80-96 Liquid Aluminum is a ready to use product.

APP NO.	Description	Packaging	Type / Color	Volume	Col. Pack.
0260096	80-96	can	liquid aluminum	1,0 L	3 pcs.

VOC/LZO 2004/42/EC- II B (e)(840): 840 g/l



• THINNERS FOR THE MODULAR SPECIAL BASE SYSTEM

• APP Modular Special Base Thinner

Base thinner

APP Modular Special Base Thinner is a thinner for adjusting the spraying viscosity of organic base paints. It is intended for use with the APP Modular Special Base paint and other paints of a similar type. The thinner supports the painter's work with the newest color formulas of base paints, as well as metallic and pearl paints.

➤ ADVANTAGES:

- product specialized for work with base paints
- formula optimized for many refinishing systems
- two evaporation rates (80-140 – slow and 80-130 – normal)
- supports the painter in working with metallic paints

APP NO.	Description	Packaging	Type	Volume	Col. Pack.
0260131	80-130	can	normal	1,0L	6 pcs.
0260141	80-140	can	slow	1,0L	6 pcs.
0260135	80-130	can	normal	5,0L	4 pcs.
0260145	80-140	can	slow	5,0L	4 pcs.



• APP Modular Acryl Line – acrylic lacquers

- Acrylic-polyurethane lacquers with a short drying time and high quality. They are intended to paint utility vehicles, buses, 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.

modular
ACRYL LINE



A
P
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ACRYL LINE

21 pigments

including:

6 pigments in 1 liter packages

14 pigments in 3,5 liter packages

1 pc. resin 3.5L

total 58.5 liters

PIGMENT TYPES

20 solid pigments

1 resin [slowing down drying
in high temperatures]

ADVANTAGES AND BENEFITS

arising from using the APP Modular
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 Modular Acryl Line

Acrylic paint

APP Modular Acryl Line 2:1 is a low-emission, two-component acrylic-polyurethane paint with a short drying time. It is intended for painting utility vehicles, busses, and structural elements.

VOC/LZO 2004/42/EC- II B (e)(840): 840 g/l



➤ ADVANTAGES:

- high efficiency
- high and stable gloss
- very good flow properties
- high resistance to mechanical damage

APP NO.	Description	Packaging	Color / Type	Volume	Col. Pack.
0250000	50-00	can	white	3,5L	2 pcs.
0250010	50-10	can	mixed white	3,5L	2 pcs.
0250021	50-21	can	special black	3,5L	2 pcs.
0250012	50-12	can	oxide yellow	3,5L	2 pcs.
0250016	50-16	can	green	3,5L	2 pcs.
0250019	50-19	can	intermediate black	3,5L	2 pcs.
0250022	50-22	can	mixed black	3,5L	2 pcs.
0250029	50-29	can	violet	3,5L	2 pcs.
0250031	50-31	can	oxide red	3,5L	2 pcs.
0250035	50-35	can	bright yellow	1,0L	3 pcs.
0250044	50-44	can	blue	3,5L	2 pcs.
0250046	50-46	can	orange	1,0L	3 pcs.
0250047	50-47	can	brilliant red	3,5L	2 pcs.
0250050	50-50	can	deep yellow	1,0L	3 pcs.
0250051	50-51	can	transparent orange	1,0L	3 pcs.
0250052	50-52	can	yellow	1,0L	3 pcs.
0250053	50-53	can	transparent yellow-green	1,0L	3 pcs.
0250054	50-54	can	violet-red	3,5L	2 pcs.
0250056	50-56	can	dark green	3,5L	2 pcs.
0250060	50-60	can	intense black	3,5L	2 pcs.
0250099	50-99	can	slow curing resin	3,5L	2 pcs.



Toners in the mixer
mix once a day
10-15 min / 24h



100 obj. APP Modular Acryl Line
50 obj. APP Harter Klarlack S Pro
/ APP Harter Klarlack Spezial
10-20 % APP Acryl Verdunnung



21-24 s
4 mm DIN
+20°C



ø1,3-1,6 mm
2,0-3,5 bar
2 x 1



5-10 min



P600-P800



P320-P400



12 h / +20°C
45 min / +60°C

• APP Modular 2K Acryl Line 50-96

Matting additive

The matting additive APP Modular 2K Acryl Line 50-96 is intended for reducing the surface gloss of the APP Modular 2K Acryl Line acrylic clearcoat and other two-component acrylic top coats of similar types. The additive does not cause changes to the color, flow properties and resistance to UV radiation.

VOC/LZO 2004/42/EC- II B (e)(840): 840 g/l



➤ ADVANTAGES:

- simple and universal application
- allows to obtain any degree of matt
- only slightly increases the clearcoat drying time



APP NO.	Description	Packaging	Type / Color	Volume	Col. Pack.
0250096	50-96	can	transparent grey	1,0 L	3 pcs.

• HARDENERS AND THINNERS

• APP Modular 2K Acryl Line Hardeners

Isocyanate hardeners for two-component APP acrylic clearcoats ensure correct and quick bonding of the cured top coat clearcoats. Thanks to the ability to choose between two curing agent types: quick and normal, it is possible to adapt the cured product to different working conditions. For clearcoats in the Modular 2K Acryl line, we recommend using the following curing agents:

➤ Recommended use of the following curing agents:

- APP Harter Klarlack Spezial S
- APP Harter Klarlack S Pro
- APP Acryl Harter L

APP Harter Klarlack Spezial S 2:1 /
Acrylic clearcoat curing agent wit special effect

APP NO.	Packaging	Type	Volume	Col. Pack.
020317	can	normal	0,5 L	12 pcs.
020318	can	normal	2,5 L	3 pcs.
020319	can	fast	0,5 L	12 pcs.
020320	can	fast	2,5 L	3 pcs.

APP Harter Klarlack S Pro 2:1 / Acrylic clearcoat curing agent

APP NO.	Packaging	Type	Volume	Col. Pack.
020360	can	normal	0,5 L	12 pcs.
020361	can	normal	2,5 L	3 pcs.
020362	can	fast	0,5 L	12 pcs.
020363	can	fast	2,5 L	3 pcs.

APP Acryl Harter L / Acrylic clearcoat curing agent

APP NO.	Packaging	Type	Volume	Col. Pack.
020355	can	normal	0,5 L	6 pcs.
020356	can	normal	5,0 L	4 pcs.



• APP Acryl Verdünnung Thinner for acrylic product and base coats

APP Acryl Verdünnung is a universal thinner for acrylic products and base coats. It is intended for adjusting the spray viscosity of bases and top coat clearcoats during passenger and commercial vehicle refinishing. Thanks to the ability to choose between three thinner types: slow, normal and quick, it is possible to optimize the evaporation time to various working conditions.

➤ ADVANTAGES:

- universal application
- formula optimized for many refinishing systems
- three evaporation rates

APP NO.	Packaging	Type	Volume	Col. Pack.
030095	can	normal	0,5L	12 pcs.
030100	can	normal	1,0L	6 pcs.
030101	can	slow	1,0L	6 pcs.
030130	can	normal	5,0L	4 pcs.
030120	can	fast	5,0L	4 pcs.
030131	can	slow	5,0L	4 pcs.



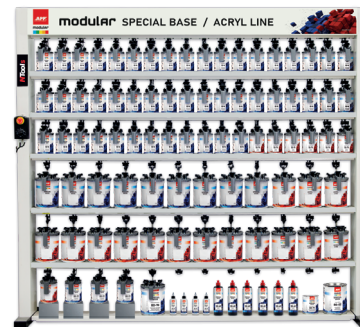
• COMPLEMENTARY DEVICES AND PRODUCTS FOR SPECIAL BASE AND ACRYL LINE SYSTEMS:

➤ Mixing devices NTools Modular Mixing Machine

Available Models:

NOTE!

Set includes stirrers in quantity corresponding to selected configuration of APP Modular



NTools

170352A

170352BN

170353

Model:



modular ACRYL



modular BASE



modular ACRYL
+ modular BASE

Name:	Modern machine including efficient stirrers	Modern machine including efficient stirrers	Modern machine including efficient stirrers
Power supply:	220-240V 50Hz 10A	220-240V 50Hz 10A	220-240V 50Hz 10A
Single drive output (1 shelf):	50W	50W	50W
Total output:	200W	300W	300W
Noise level:	<60 dB	<60 dB	<60 dB
Qty of stirrers 1.0L	6	48	54
Qty of stirrers 3.5/4.0L	15	9	24
Qty of sockets 1.0L	9	48/36	54
Qty of sockets 3.5/4.0L	18	16/22	36
Length (cm)	125,5	161,5	233
Width (cm)	50	50	50
Height (cm)	179	214	200

APP No.	Product Description	Qty
170352A	NTools Modular Mixing Machine - Modern machine including efficient stirrers, 6x1.0L and 15x3.5L, Acryl	1
170352BN	NTools Modular Mixing Machine - Modern machine including efficient stirrers, 48x1.0L and 9x3.5L, Base	1
170353	NTools Modular Mixing Machine - Modern machine including efficient stirrers, 54x1.0L and 24x3.5L, Acryl + Base	1

• NTools Modular Mixing Machine

Mixing device with stirrers

The NTools Modular Mixing Machine is a modern and sturdy structure characterized by hands-free operation. The device guarantees correct and precise mixing of pigments in the APP Modular color system, as well as bases available in the APP offer. The device supports products in standard, metal cans of 1,0 L, 3,5 L and 4,0 L. The device comes complete with mixing agitators in quantities adapted to the configuration supported by the given mixer.



➤ ADVANTAGES::

- quiet operation
- belt-less, geared drive system
- independent, electric drive for every shelf
- low power consumption - 50 W/shelf
- emergency off switch increasing safety
- switch with a time adjustment in a 1 to 15 minute range
- stable structure
- easy assembly

APP NO.	Description	Type	Sales unit
170352A	6x1,0L 15x3,5L/4,0L	acryl	pcs.
170352B	48x1,0L 9x3,5L/4,0L	base	pcs.
170353	54x1,0L 24x3,5L/4,0L	base + acryl	pcs.



• APP ColorBOX

Modular color pattern

The APP Colorbox in a chromatic configuration provides over 7000 color representations, enabling the user to search paint colors without the need to enter the color code and vehicle brand. Easy and clear markings facilitate searching for the appropriate flashcard and, in case of searching for a color without information on the color code or name, the system and markings allow to quickly find the formula in the formula software.

APP NO.	Description	Sale unit
0260000	APP Colorbox - Modular color pattern	pcs.



• APP Modular Spectro 5K / Camera Five-Angle Spectrophotometer with Camera

A high-end, professional tool for color measurement. Accurate readings combined with the APP Modular formula software database allow for a fast search of the closest color match and easy correction of the selected color formula.



> Product properties

- Memory capacity for up to 500 measurements
- Measurement at five angles (15° / 25° / 45° / 75° / 110°)
- Integrated camera for identifying grain coarseness
- Base station (for communication and charging)
- Compatible with APP Modular 3 software

> Advantages

- Reduced time needed to find the correct formula
- Grain coarseness identification (for effect colors)
- Formula recalculation (correction) function
- Fast and accurate measurements



The device is intended for customers who have a mixing system based on the APP Modular color system



The set includes:



APP NO.	Description	Sales unit
0260161	APP Modular Spectro 5K / Camera - 5-angle spectrophotometer with camera	pcs.



• APP Sartorius PMA Evolution

Scale designed specifically for use when mixing varnishes. The scale can be controlled using the keyboard in Stand Alone mode and using the APP Modular recipe software installed on a PC.

modern, highly precise device which allows to exactly measure the required amount of components with an option of readings accurate to two decimal points (0.05g). A large, readable display and stable operation are additional advantages of the device.

APP NO.	Description	Sales unit
0260107	APP Sartorius PMA Evolution – Modular electronic scale max. 7,5 kg	pcs.



• APP PMA Cover Set

Scale APP Sartorius PMA Evolution protection kit

The APP PMA Cover Set is a protection cover set designed to be used with APP Sartorius PMA Evolution scales (APP No. 0260107). APP PMA Cover Set protects the scales against any dirt that may occur, among others, when mixing pigments.

APP NO.	Description	Sales unit
0260146	Scale APP Sartorius PMA Evolution protection kit	pcs.



details in the leaflet

• NTools Modular Mixing Lid

Mixer for cans

Mixing lids designed to work with NTools Modular Mixing Machine / NTools Modular Primer & Paint Mixing Machine or with hand mixing capability.

Mixers fit standard 1 liter or 3.5 / 4 liter containers (typical pigment or primer containers in the paint industry).

Enable accurate mixing and precise dispensing of package contents.

Resistant to solvents used in the paint industry.

➤ AVAILABLE VARIANTS:

- machine mixing (NTools mixer)- 1 L (APP No. 170356).
- machine mixing (NTools mixer)- 3.5 / 4.0 L (APP No. 170357)
- manual mixing – cranked version – 1 liter (APP No. 170356M)
- manual mixing – cranked version – 3.5 / 4 liters (APP No. 170357M)

➤ ADVANTAGES:

- precise mixing
- precise dosing
- ergonomic handle

APP NO.	Description	Weight / Size	Sale unit
170356	Mixing Lid	1,0 L	pcs
170357	Mixing Lid	3,5 L i 4,0 L	pcs
170356M	Mixing Lid Manual	1,0 L	pcs
170357M	Mixing Lid Manual	3,5 L i 4,0 L	pcs



details in the leaflet

• FORMULA SOFTWARE

The formula program is an essential part of the APP modular mixing system. Thanks to a large number of available formulas (nearly 110 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.

Software functions:



Minimum system configuration:
System: Windows XP SP2 (.NET Framework 3.5)

- 1 Quick and intuitive formula search, e.g. according to color, color name or manufacturer.
- 2 Possibility to achieve nearly **110 000 COLORS**
- 3 Possibility to easily calculate the cost of the achieved mixture, set your own price list, manage the warehouse stock.
- 4 Thanks to the software's compatibility with the scale it is possible to precisely dose the amount of pigments, available on the computer screen or on the scale display.
- 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.

Possibility to quickly check the composition of recipes, generate a PDF file or view the index number from the APP colorbox

modular.app.com.pl



- **APP RAL Fan Deck**
RAL color templates

The APP RAL color template is a set of 198 standardized colors with gloss intended for comparative specification of colors for industrial and commercial applications. The RAL color system is the primary color designation system for paints and clearcoats, plastic materials, etc., independent of their manufacturers. Currently, it is commonly used in the spray-painting, construction, furniture, machine and other industries.

APP NO.	Description	Sales unit
0260005	APP RAL Fan Deck - RAL color templates	pcs.



- **NTools Modular Mixing Stand**
1,0 L can stand

The 1 liter can stand is intended for use in NTools Modular Mixing Machine and NTools Paint Mixing Machine devices. It enables setting products in packages with a Volume of 1 liter in places intended for 3,5L and 4,0L cans. It is made of stainless steel.

APP NO.	Description	Sales unit
170359	NTools Modular Mixing Stand - can stand 1,0L	pcs.





modular
INDUSTRIAL LINE

APP MODULAR INDUSTRIAL LINE



Ready colours in the **APP Modular Industrial Line** system of lacquers and additives are based on a single line of pigment pastes intended for colouring with a selected resin, in accordance with the purpose and expected final effect.

We complete on-line paint orders of at least 1 litre of the selected type in a color matching the order from over **20 000 colors** from the RAL, NCS, British Standard, PANTONE palettes and the most popular brands of trucks, agricultural and construction machinery, etc.

COLOUR SELECTION IS SUPPORTED BY:



Colour sample

APP MODULAR INDUSTRIAL COLORBOX

Containing more than 2,500 colour mappings



Colour reader for solid colours

APP MODULAR INDUSTRIAL CAPSURE

Allowing rapid colour readings from virtually any surface. The result of the reading is a precisely given reference in the APP Modular Industrial Line database, with the possibility of finding a lighter or darker color variant and information on the degree of match to the sample.



The ready-color lacquer can be prepared as a tinted:

- two-component acrylic-polyurethane resin with a high gloss and high chemical resistance,
- two-component polyurethane resin in various degrees of gloss (gloss, satin, matt) – with good mechanical and chemical resistance,
- two-component polyurethane resin (gloss, satin, mat) with the possibility of applying it directly to metal (DTM – enamel undercoat) with good mechanical and chemical resistance,
- one-component alkyd resin (gloss/matt) for less demanding cost-effective coating processes,
- acrylic-polyurethane structural resin – PREDATOR TINT protective coating.

The entire offer is complemented by:

- grey epoxy primer,
- grey polyurethane primer,
- SEALER – tinted insulating and adhesion primer for use without sanding the substrate, available in any colour from the APP Modular Industrial palette,
- THIXO thickening additive – increases working viscosity and prevents streaking, for use when working with large vertical surfaces
- hardeners and thinners designed for the system at different setting and evaporation times.

Appropriate use of the primer + resin combination guarantees a coating that complies with the corrosion protection classification according to ISO 12944.

The chemical resistance of the individual resins has been tested according to ISO 4628-1.

• TOP COATS

• Lack 30-100 AY/PUR 2:1 Gloss 2K acrylic-polyurethane lacquer

Two-component, high-gloss acrylic-polyurethane lacquer with enhanced chemical resistance.

Designed for coating, e.g.: commercial vehicles, buses, tractor cabs, rail vehicles. To order as a product of the selected color.



TDS 0270110

• Lack 30-200 PUR 4:1 Gloss / Satin / Mat 2K polyurethane lacquer

Two-component polyurethane lacquer with good mechanical resistance, increased impact and scratch resistance, as well as resistance to chemical effects. Available in three gloss finishes: gloss, satin, matt.

Designed for coating, e.g.: commercial vehicles, forklift trucks, semi-trailers, tanks, steel structures, machine parts. To order as a product of the selected color.



TDS 0270118



TDS 0270122



TDS 0270126

• Lack 30-220 PUR DTM 4:1 Gloss / Satin / Mat 2K polyurethane lacquer

Two-component polyurethane lacquer with good mechanical resistance, with added anti-corrosion pigments and direct adhesion to iron, stainless steel, galvanised steel, cast iron, aluminium, ABS, PVC, methacrylate and gelcoat without the need for a primer. Available in three gloss finishes: gloss, satin, matt. Increased resistance to impacts and scratches, as well as chemical effects. Designed for coating, e.g.: industrial installations, construction machinery, tanks, agricultural machinery, machine parts, steel components. To order as a product of the selected color.



TDS 0270130



TDS 0270134



TDS 0270138

• Lack 30-300 Alkyd Gloss / Mat 1K alkyd lacquer

One-component, fast-drying alkyd enamel resistant to mechanical influences, impacts and scratches. Available in two gloss finishes: gloss, matt. Designed for less demanding, cost-effective coating processes.

Designed for coating, e.g.: containers, posts, gates and fences, agricultural machinery. To order as a product of the selected color.



TDS 0270142



TDS 0270146

• Lack 30-140 Predator Tint Satin 3:1

2K acrylic-polyurethane lacquer

Two-component acrylic-polyurethane structural lacquer – protective coating with high mechanical and chemical resistance for coating the load compartment of off-road vehicles, car bodies, pick-up bodyworks. Excellent paint hardness while maintaining flexibility. To order as a product of the selected color.



TDS 0270150

• PRIMERS

• Sealer PUR 30-640 Tint WoW 4:1

2K polyurethane primer

Two-component polyurethane insulating and adhesion primer. **Tinted to order.** For covering, without sanding, of OEM and cataphoretic coatings. Designed to insulate old coatings when repainting them in the wet-on-wet system. Excellent adhesion to old coatings. To be ordered as a product of the selected color.



TDS 0270148

• Primer EP 30-620 Grey 4:1

2K epoxy primer

Two-component epoxy anti-corrosion primer. Intended for use on surfaces made of any metal and covered with any lacquer from the APP Modular Industrial Line system. Allows wet-on-wet working. Colour: grey

APP NR	Description	Packaging	Volume	Col. Pack.
0276621	primer	can	6,5 kg	2 pcs.



TDS 0276621

• Primer PUR 30-630 Grey 5:1

2K polyurethane primer

Two-component polyurethane anti-corrosion primer. Intended for use on surfaces made of any metal and covered with any lacquer from the APP Modular Industrial Line system. Allows wet-on-wet working. Colour: grey.

APP NR	Description	Packaging	Volume	Col. Pack.
0276631	primer	can	5 kg	2 pcs.



TDS 0276631

• ADDITIVES, HARDENERS AND THINNERS

• Thixo Additive 30-920

Thickening additive for lacquers and primers

Thickening additive for adjusting the working viscosity of two-component primers and lacquers from the APP Modular Industrial Line system during their preparation for application. Application: maximum 10% by volume of the main product. **The accessory can be ordered together with a ready colour from the APP Modular Industrial range.** Colour: transparent.



TDS 0279921

• Hardener PUR 30-710

Hardener for polyurethane and polyurethane-acrylic products

Hardener intended for use with two-component PU and AY/PU products from the APP Modular Industrial Line system. Three types of hardener are available: slow, normal and fast.

APP NR	Description	Packaging	Type	Volume	Col. Pack.
0277713	hardener	can	slow	5 L	3 szt.
0277714	hardener	can	normal	1 L	6 pcs.
0277716	hardener	can	normal	5 L	3 pcs.
0277718	hardener	can	fast	1 L	6 pcs.
0277719	hardener	can	fast	5 L	3 pcs.



• Hardener EP 30-720

Hardener for epoxy primer

Hardener intended for use with two-component EP primer from APP Modular Industrial Line system (Primer EP 30-620).

APP NR	Description	Packaging	Type	Volume	Col. Pack.
0277721	hardener	can	normal	1 L	6 pcs.



• Thinner Universal 30-810

Universal thinner

Thinner for adjusting the working viscosity of two-component PU, AY/PU and EP products from the APP Modular Industrial Line system during their preparation for application. Use according to the diluted product formulation. Two evaporation rates available: normal and slow.

APP NR	Description	Packaging	Type	Volume	Col. Pack.
0278812	thinner	can	slow	5 L	4 pcs.
0278814	thinner	can	normal	1 L	6 pcs.
0278815	thinner	can	normal	5 L	4 pcs.



• Thinner Alkyd 30-820

Alkyd thinner

Thinner for adjusting the working viscosity of one-component alkyd products from the APP Modular Industrial Line system during their preparation for application. Use according to the diluted product formulation. Two evaporation rates available: normal and slow.

APP NR	Description	Packaging	Type	Volume	Col. Pack.
0278822	thinner	can	slow	1 L	6 pcs.
0278823	thinner	can	slow	5 L	4 pcs.
0278825	thinner	can	normal	1 L	6 pcs.
0278826	thinner	can	normal	5 L	4 pcs.



• TABLE

➤ LACQUER / HARDENER / THINNER

PRODUCT		HARDENER				THINNER			
APP No.	Name	APP No.	Type	Hardener (proportion)	Pack.	APP No.	Type	Thinner (volume %)	Pack.
0270110	LACK AY/PUR 30-100 GLOSS	0277713	SLOW	30-710 (2:1)	5 L			30-810 (10-20%)	
		0277714	NORMAL		1 L	0278812	SLOW		5 L
		0277716	NORMAL		5 L	0278814	NORMAL		1 L
		0277718	FAST		1 L	0278815	NORMAL		5 L
		0277719	FAST		5 L				
0270150	LACK AY/PUR 30-140 PREDATOR TINT SATIN	0277713	SLOW	30-710 (3:1)	5 L			30-810 (0-10%)	
		0277714	NORMAL		1 L	0278812	SLOW		5L
		0277716	NORMAL		5 L	0278814	NORMAL		1L
		0277718	FAST		1 L	0278815	NORMAL		5L
		0277719	FAST		5 L				
0270118	LACK PUR 30-200 GLOSS	0277713	SLOW	30-710 (4:1)	5 L			30-810 (5-10%)	
0270122	LACK PUR 30-200 SATIN	0277714	NORMAL		1 L	0278812	SLOW		5 L
0270126	LACK PUR 30-200 MAT	0277716	NORMAL		5 L	0278814	NORMAL		1 L
		0277718	FAST		1 L	0278815	NORMAL		5 L
		0277719	FAST		5 L				
0270130	LACK PUR 30-220 GLOSS	0277713	SLOW	30-710 (4:1)	5 L			30-810 (10-20%)	
0270134	LACK PUR 30-220 SATIN	0277714	NORMAL		1 L	0278812	SLOW		5L
0270138	LACK PUR 30-220 MAT	0277716	NORMAL		5 L	0278814	NORMAL		1L
		0277718	FAST		1 L	0278815	NORMAL		5L
0270138	LACK PUR 30-220 MAT	0277719	FAST		5 L				
0270142	LACK ALKYD 30-300 GLOSS	-	-	-	-	0278822	SLOW	30-820 (0-10%)	1 L
						0278823	SLOW		5 L
						0278825	NORMAL		1 L
						0278826	NORMAL		5 L
0270146	LACK ALKYD 30-300 MAT	-	-	-	-	0278822	SLOW	30-820 (20-30%)	1 L
						0278823	SLOW		5 L
						0278825	NORMAL		1 L
						0278826	NORMAL		5 L
0276621	PRIMER EP 30-620 GREY	0277721	NORMAL	30-720 (4:1)	1L	0278812	SLOW	30-810 (10-20%)	5L
						0278814	NORMAL		1L
						0278815	NORMAL		5L
0276631	PRIMER PUR 30-630 GREY	0277713	SLOW	30-710 (5:1)	5 L			30-810 (0-20%)	
		0277714	NORMAL		1 L	0278812	SLOW		5L
		0277716	NORMAL		5 L	0278814	NORMAL		1L
		0277718	FAST		1 L	0278815	NORMAL		5L
		0277719	FAST		5 L				
0270148	SEALER 30-640 TINT	0277713	SLOW	30-710 (4:1)	5 L			30-810 (10-25%)	
		0277714	NORMAL		1 L	0278812	SLOW		5L
		0277716	NORMAL		5 L	0278814	NORMAL		1L
		0277718	FAST		1 L	0278815	NORMAL		5L
		0277719	FAST		5 L				



ISO 12944-6: 2018

Selection of protective and decorative coatings for the specified atmospheric corrosion category C * and the intended durability period **.

ISO 12944 C5 - Medium

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
PRIMER EP 30-620	30-100 GLOSS	240	60	300
PRIMER EP 30-620	30-200 GLOSS	180	60	240
PRIMER EP 30-620	30-220 GLOSS	140	60	200

ISO 12944 C4 - High

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
PRIMER EP 30-620	30-100 GLOSS	240	60	300
PRIMER EP 30-620	30-200 GLOSS	180	60	240
PRIMER EP 30-620	30-220 GLOSS	140	60	200

ISO 12944 C4 - Low

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
-	30-220 GLOSS	-	130	130
-	30-220 SATIN	-	130	130
-	30-220 MAT	-	130	130

ISO 12944 C3 - Very High

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
PRIMER EP 30-620	30-200 GLOSS	180	60	240
PRIMER EP 30-620	30-220 GLOSS	140	60	200

ISO 12944 C3 - Medium

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
-	30-220 GLOSS	-	130	130
-	30-220 SATIN	-	130	130
-	30-220 MAT	-	130	130

ISO 12944 C3 - Low

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
PRIMER PUR 30-630	30-100 GLOSS	100	45	145

ISO 12944 C2 - High

PRIMER	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
-	30-220 GLOSS	-	130	130
-	30-220 SATIN	-	130	130
-	30-220 MAT	-	130	130

ISO 12944 C2 - Medium

PODKŁAD	LACQUER	DRY FILM THICKNESS (μm) PRIMER	DRY FILM THICKNESS (μm) LACQUER	DRY FILM THICKNESS (μm) PRIMER + LACQUER
PRIMER PUR 30-630	30-100 GLOSS	100	45	145

* ATMOSPHERIC CORROSION CATEGORIES:

C1	very low
C2	low
C3	medium
C4	high
C5-I	very high (industrial environments)
C5-M	very high (marine environments)

** DURABILITY PERIODS:

Low (L):	up to 7 years
Medium (M):	from 7 to 15 years
High (H):	from 15 to 25 years
Very High (VH):	over 25 years

Durability is a technical matter that can help design a maintenance program. The warranty period is a contractual matter defined by the terms of the contract. The warranty period is usually shorter than the durability period. There are no rules linking these two time periods.

ISO 4628-1: 2016

Paints and varnishes — Evaluation of coating degradation —
Assessment of quantity and size of defects
and intensity of uniform changes in appearance

RESIN	ENGINE OIL	DIESEL OIL	UNLEADED PETROL 95 (E10)	ISOPROPYL ALCOHOL (IPA)	ACETONE	OSMOTIC WATER	10% SULFURIC ACID SOLUTION	36% SULFURIC ACID SOLUTION	5% SODIUM HYDROXIDE SOLUTION	10% SODIUM HYDROXIDE SOLUTION	DRY FILM THICKNESS (DFT) (µm)
30-100 GLOSS	0	0	3	3	4	0	0	0	0	0	50-60
30-200 GLOSS	0	0	3	3	5	0	0	0	0	0	50-60
30-200 SATIN	0	0	3	3	5	0	0	0	0	0	50-60
30-200 MAT	0	0	3	3	5	0	0	1	0	0	60-70
30-220 GLOSS	0	0	3	3	3	0	0	1	0	0	40-50
30-220 SATIN	0	0	5	3	4	0	0	0	0	0	40-50
30-220 MAT	0	0	3	3	4	0	0	2	0	0	40-50

* DEGREE OF CHANGE

- 0 No change / No noticeable change
- 1 Very slight / Just noticeable change
- 2 Slight / Clearly perceptible change
- 3 Moderate / Very clearly perceptible change
- 4 Significant / Noticeable change
- 5 Very intense change

CUSTOM COLORS ON ORDER !

- We offer the possibility to order colors based on an OEM color code, using the Modular Colorbox sample, or by selecting from available color standards such as RAL, PANTONE, NCS, British Standard. Over 110 000 colors are available in the base and acrylic systems and over 20 000 colors in the industrial system.

Choose a color from our offer or contact us – we can match the color to your needs.

Center:

- tel. +48 61 437 00 20

For Special Base and Acryl Line systems, we accept orders from 0.3 liters

For the Industrial system, we accept orders from 1.0 liter

AVAILABLE SYSTEMS:

- **Special Base** – 1:1 base coat with thinner: For passenger cars, commercial vehicles, motorcycles, and other vehicles,
- **Acryl Line** – 2:1 acrylic paint with hardener: For commercial vehicles, trucks, buses, and other vehicles,
- **Industrial** – Paints: Acrylic-polyurethane, polyurethane, primers, alkyd: For utility vehicles, delivery vans, trucks, forklifts, construction machinery, off-road and specialized vehicles, structures, finishing elements, and more,
- **AY/PUR** – High gloss, mechanical and chemical resistance,
- **PUR** – Available in various gloss levels (gloss, satin, matte) with high mechanical and chemical resistance,
- **PUR DTM** – Primers (gloss, satin, matte) with anti-corrosion protection and direct adhesion to metal and other substrates,
- **PREDATOR** – Protective coating with high scratch resistance, thermal resistance, and maintaining anti-corrosion protection,
- **ALKYD** – Economical, single-component alkyd paints.



➤ Ready color

• COMPLEMENTARY PRODUCTS

• NTools Colour Check 4500

Inspection lamp

Modern control lamp designed to identify colors, colour check after painting and for control of paint after polishing. The lamp is a necessary tool in paint shops and detailing studios where painting and polishing is performed. Thanks to the low weight and the shape of the lamp it is extremely handy.

APP NO.	Description	Sales unit
171110	NTools Colour Check 4500 – Inspection lamp	pcs.



• APP TSK 100

Test card paper

The card, which allows for control spraying, facilitates selection of appropriate colour and control of covering of the applied lacquer. The APP TSK 100 paper test card has been modified with spectral greys, which were absent in the previous version. The spectral greys facilitate identification of the colour of the primer to be used under less opaque colours.

APP NO.	Description	Sales unit
250601	APP TSK 100 – Test card paper	cont. (100pcs)



• APP TKM White

Metal test card

APP TKM – Metal panels for test spraying enable check spraying i conventional and waterbased systems. Black strip on bright background facilitates paint covering capability check. Panels also enable testing adhesivity and flexibility of applied coatings.

APP NO.	Description	Sales unit
250620	APP TKM White – metal test card	pcs.



• APP UTSK

Paper card holder

Practical handle for paper sheets. It enables to make a test spray – matching colour and hiding power of sprayed top coat.

APP NO.	Description	Sales unit
250615	APP UTSK – Paper card holder	pcs.



• APP PUM

Stand and magnetic holder

The support and magnetic handle together with a metal test card are used to verify the colour obtained in the process of trial spray with the use of conventional priming varnishes, water-diluted and coloured acrylic varnishes. It is an indispensable tool in car paint shops and shops offering the choice of colours.

APP NO.	Description	Sales unit
250616	APP PUM – Stand and magnetic holder	pcs.



• APP M Skal

Aluminum scaled strip for mixing 2K

Stirrer for lacquer enables handy and effective paint stirring up to 1 liter volume. It has the following proportion scales: 2:1, 3:1, 4:1, 5:1.

APP NO.	Description	Sales unit
259001	APP M Skal - Aluminum scaled strip for mixing 2K scale 2:1,4:1	50 pcs.
259002	APP M Skal - Aluminum scaled strip for mixing 2K scale 2:1,5:1	50 pcs.
259003	APP M Skal - Aluminum scaled strip for mixing 2K scale 2:1,3:1	50 pcs.



• APP M OTW

APP stirrer with can opener

APP M OTW is a metal mixer for manual mixing of top coats, basecoats, primers, spray putties and other liquid chemical products.

APP NO.	Description	Sales unit
259010	APP M OTW - APP stirrer with can opener	pcs.



• APP C300 / Tint Predator WSM

Structure templates

APP C300 Structure Chart / Tint Predator / 30-140 Modular Industrial Line:

- made on APP TKM metal card test
- shows different possible structures (mild, medium, sharp, very sharp)
- 4 types of structures based on APP C300 product (black color)
- 4 types of structures based on APP Tint Predator product

APP NO.	Description	Sales unit
890500	APP C300 / Tint Predator WSM - Structure templates	pcs.



• Ntools Modular P&P Mixing Machine

Mixing machine with stirrers

NTools Modular P&P Mixing Machine is a modern, maintenance-free and compact mixer that guarantees correct and precise mixing of the primers and lacquers available in the APP range packed in standard metal cans of 3.5 and 4.0 litres capacity.

After using the NTools Modular Mixing Stand (170359) and the NTools Modular Mixing Lid for uniform cans (170356), these elements can be purchased separately, the mixer can work with metal cans of 1.0 L capacity.

The NTools Modular P&P Mixing Machine is equipped with an on/off switch and a manual timer - TIMER, allowing the mixing time to be set between 1 and 15 minutes. The machine has two butterfly drive sockets, each powered by a 30W electric motor.

APP NO.	Description	Sales unit
170354	Ntools Modular P&P Mixing Machine - Mixing machine with stirrers	set



• APP FPS Fast Preparation System

Disposable spray cup system for spray guns and mixing lacquer and primer

A disposable spray cup system designed for use with top tank spray guns and for mixing paints and lacquers with hardeners and thinner in various proportions. Made of durable plastic resistant to the chemicals used in refinishing and industrial paint shops. Precise graduations enable the desired amount of product ready for spraying to be obtained with the correct mixing ratios. The use of an internal soft cup completely insulates the paint from the environment and allows working in any position of the spray gun.

The spray cup system is designed to work as a drop tank with a strainer for the spray gun used, with simultaneous use for volumetric and weight mixing of products with hardeners in proportions according to their application recipe and for adjusting the spray viscosity of the finished spray product. An inner soft cup with lid, sealed with a stopper, allows temporary storage of single-component paints and lacquers.



details in the leaflet

► ADVANTAGES OF THE SYSTEM:

- Savings of up to 70 per cent in gunwash solvent consumption.
- Quick color change.
- Saving on material costs when painting – one cup for mixing and painting.
- Three capacities to optimise the cost of paint and lacquer cups for typical paint repairs (single parts, parts groups, side).
- System FPS connectors adapted to typical makes and models of paint spray guns.
- Option to operate the spray gun at any angle of inclination.
- Airtight lid with stopper for temporary storage of paint.
- Leak-proof system and simple and secure installation.

► ADVANTAGES OF THE CUPS:

- The outer cup is rigid and has a reinforced rim and bottom and is made of mechanically and chemically resistant polypropylene.
- The hard cup has a large hole in the bottom to push out the soft cups in case of problems with removal.
- The outer hard cup has a permanent print.
- The product has easily readable scales for mixing wgt;
- The product has a capacity scale with graduations in 50 ml increments.
- Highly flexible and chemically resistant inner soft cup made of polyethylene to allow operation in any position of the spray gun.
- The absence of a vent completely insulates the paint from the external environment and eliminates cup dripping at certain working angles.
- Universal cup holder with connector for use with other similar type systems.



APP 250770



APP 250771



APP 250772



APP 250773



APP 250774



ADAPTERS

APP NR	Description	Capacity	Sale unit
250763	APP FPS Fast Preparation System - Set of soft cups with filter lid, 125µm 400 ml	400 ml	cont. (50 pcs)
250764	APP FPS Fast Preparation System - Set of soft cups with filter lid, 190µm 400 ml	400 ml	cont. (50 pcs)
250765	APP FPS Fast Preparation System - Set of soft cups with filter lid, 125µm 650 ml	650 ml	cont. (50 pcs)
250766	APP FPS Fast Preparation System - Set of soft cups with filter lid, 190µm 650 ml	650 ml	cont. (50 pcs)
250767	APP FPS Fast Preparation System - Set of soft cups with filter lid, 125µm 850 ml	850 ml	cont. (50 pcs)
250768	APP FPS Fast Preparation System - Set of soft cups with filter lid, 190µm 850 ml	850 ml	cont. (2 pcs)
250760	APP FPS Fast Preparation System - Scaled hard cup 400 ml	400 ml	cont. (2 pcs)
250761	APP FPS Fast Preparation System - Scaled hard cup 650 ml	650 ml	cont. (2 pcs)
250762	APP FPS Fast Preparation System - Scaled hard cup 850 ml	850 ml	cont. (2 pcs)
250770	APP FPS - FPS paint cup adapter for spray guns 15 NTools FX1 and FX2, DeVilbiss DV1, GTI, GTI ProLite, FLG 3/8" BSP	-	pcs
250771	APP FPS - FPS paint cup adapter for spray guns 43 Iwata WS400 i AZ3 1/4" BSP	-	pcs
250772	APP FPS - FPS paint cup adapter for spray guns 02 NTools FX3 i FX4, Iwata W400 M16x1,5	-	pcs
250773	APP FPS - FPS paint cup adapter for spray guns 40 Sata 5500 QCC	-	pcs
250774	APP FPS - FPS paint cup adapter for spray guns 21 NTools FX 3 mini M14x1	-	pcs

PROTECTIVE COATING

VARIOUS TEXTURES POSSIBLE

PREDATOR

- mixing ratio with hardener 3:1
- quick and easy application
- simple structure adjustment
- high hardness while maintaining flexibility
- excellent adhesion on various substrates
- high mechanical resistance to impacts, scratches, scrapes, etc.
- high corrosion protection
- high chemical resistance
- resistance to UV radiation and atmospheric conditions
- various application possibilities: spray gun, UBS, brush, roller
- thermal resistance of the seasoned coating in the range of -40°C to +85°C



modular
INDUSTRIAL LINE

APP 30-140

Product available to order in color from RAL, NCS, PANTONE, BS, etc. (more than 20 000 colors).

APP NO. 0270150,
from 1L and more



APP Modular Industrial Line Lack 30-140
Predator Tint Satin 3:1

APP C 300 Predator

black colour

APP NO. 050700 - 600 ml
APP NO. 050701 - 200 ml



APP C 300 Predator 3:1
+ Harter

APP Tint Predator

tintable product

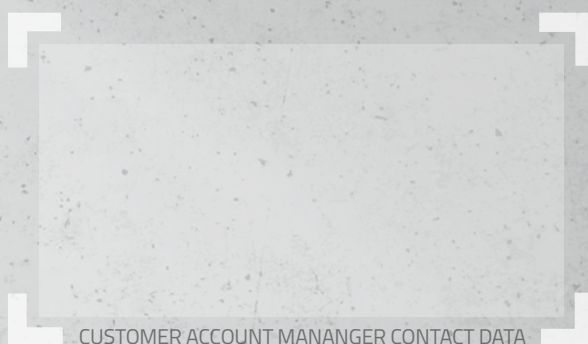
APP NO. 050702 - 600 ml
APP NO. 050701 - 200 ml



APP Tint Predator 3:1
+ Harter

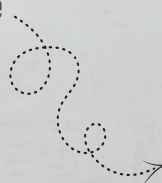


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CUSTOMER ACCOUNT MANAGER CONTACT DATA

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