PROFIX

KAR-BON

Special-purpose mixing system 1K 2:1

KAR-BON is an advanced mixing system that creates high-quality colour refinish results. It offers versatile effects like non-metallic, metallic, pearlescent, and xirallic finishes for different applications. With efficient drying, easy application, and affordable pricing, it delivers impressive results. Its wide toner range ensures precise colour matching and consistent outcomes, allowing for an extensive colour palette. Available in 1-Litre and 3.5-Litre tins, **KAR-BON** is the professional-grade choice for reliable, high-quality coatings.

PACKAGING	
Volume	Collective packaging
1 l *	3 pcs.
3.5 l *	2 pcs.

* The capacity for specific colourants is shown in the table.

EFFICIENT **SHORT DRYING TIME** **EASY APPLICATION** **WIDE SELECTION OF TONERS**

SPRAY VISCOSITY
10-12 sec. DIN Flow Cup **4 mm**

RECOMMENDED SIZES FOR PAINT STRAINER
190 µm

PAINT EFFICIENCY
8-9 m²/l

DRY FILM THICKNESS
1 coat - **5-10 µm**

MINIMUM SHELF LIFE
36 months

VOC
2004/42/WE/IIB(e)(840) <840

PROCESS

SUBSTRATE PREPARATION
Once the suitable primer coat has been abraded, clean using silicone remover **CP 015** in preparation to apply basecoat

MIXING RATIO
2:1
100 parts of **KAR-BON**
50 parts of thinner **CP 048/ CP 055/ CP 078**

SPRAY GUN SETTINGS
Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**

PROGRESS

APPLICATION
First control coat then application of two full coat.
For solid colours this is the end of the process, effect colours require an additional coat with reduced pressure

EVAPORATION TIME AFTER APPLICATION
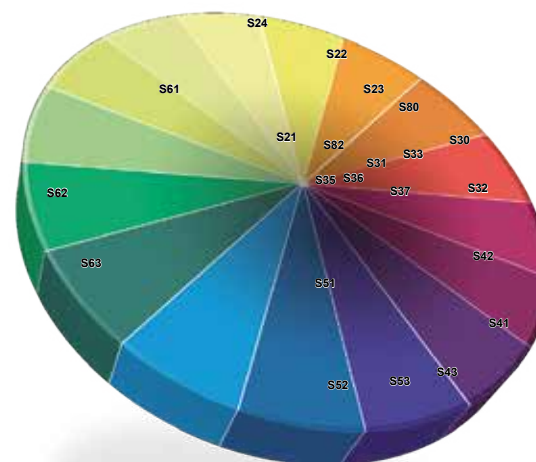At **20°C** and **65%** relative humidity **10-15 min** before application of clearcoat

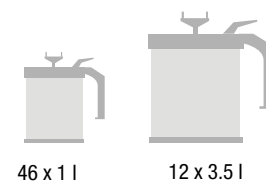| No.	Colour number	Name	Price group	Capacity
1	B01	resin	0	3.5 l
2	B02	flop controller	I	1 l
3	B03	gloss converter	I	1 l
4	S11	white non-transparent	I	3.5 l
5	S12	white super non-transparent	I	3.5 l
6	S13	white transparent	II	1 l
7	S21	oxide yellow	II	1 l
8	S22	lead-free yellow-orange	II	1 l
9	S23	transparent yellow-orange	II	1 l
10	S24	lemon yellow	II	1 l
11	S25	transparent oxide yellow	II	1 l
12	S30	non-transparent orange	II	1 l
13	S31	transparent bright red	II	1 l
14	S32	non-transparent red	II	3.5 l
15	S33	semi-transparent vivid red	II	1 l
16	S35	transparent red-brown	II	1 l
17	S36	transparent red	II	1 l
18	S37	transparent red	II	1 l
19	S41	transparent red-violet	II	1 l
20	S42	non-transparent red-violet	II	1 l
21	S43	non-transparent violet	II	3.5 l
22	S51	vivid blue-green	II	1 l
23	S52	non-transparent blue	II	1 l
24	S53	bright blue-violet	II	3.5 l
25	S61	transparent yellow-green	II	1 l
26	S62	non-transparent green	II	1 l
27	S63	non-transparent green-blue	II	1 l
28	S70	clear black	I	3.5 l
29	S71	mixable black	I	3.5 l
30	S72	deep black	II	1 l

No.	Colour number	Name	Price group	Capacity
31	S80	non-transparent brown	II	1 l
32	S82	oxide transparent brown	II	1 l
33	M27	gold aluminium	I	1 l
34	M90	silver	I	1 l
35	M91	fsilver	I	3.5 l
36	M92	silver	I	3.5 l
37	M93	bright silver	I	1 l
38	M94	shiny silver	I	3.5 l
39	M95	shiny silver	I	1 l
40	P13	pearl white	III	1 l
41	P14	pearl white	III	1 l
42	P15	white pearl	III	3.5 l
43	P20	yellow pearl	III	1 l
44	P28	orange pearl	III	1 l
45	P32	copper pearl	III	1 l
46	P40	red pearl	III	1 l
47	P41	violet pearl	III	1 l
48	P42	bright red pearl	III	1 l
49	P43	red pearl	III	1 l
50	P50	blue pearl	III	1 l
51	P64	green-blue pearl	III	1 l
52	P65	green pearl	III	1 l
53	P74	graphite pearl	III	1 l
54	X15	white xyralic	IV	1 l
55	X20	gold xyralic	IV	1 l
56	X43	red xyralic	IV	1 l
57	X50	blue xyralic	IV	1 l
58	X65	green xyralic	IV	1 l

KAR-BON

AVAILABLE IN THE **CLOUD APP**

cLOUD

MIXING SYSTEM

Price group	Number of toners
0	1
I	13
II	25
III	14
IV	5

46 x 1 l   12 x 3.5 l

REMARKS:

- Mixer start-up time approx. **5** minutes (do not exceed **15** minutes), maximum **2** times in **24** hours.
- Materials must be stored at room temperature (**18-25°C**) before use (do not expose to temperatures below **5°C** also during transport).
- New, unopened tins of colouring agents should be mixed thoroughly before use.
- **KAR-BON** should be filtered using **125-190 µm** strainer before application.
- Take into account the additional time needed to heat up to component temperature.
- All drying and evaporation times quoted are relative humidity related.
- After approx. **8** hours, the surface to be painted with **KAR-BON**, but not coated with clear paint, should be abraded again before painting.
- Spraying the colour on a test sheet before application is recommended.