# **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	
11*	3 pcs.	
3.5 l *	2 pcs.	

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





TIME





EASY APPLICATION

**OF TONERS** 



# **SPRAY VISCOSITY**

10-12 sec. DIN Flow Cup 4 mm



**RECOMMENDED SIZES FOR PAINT STRAINER** 190 µm



PAINT EFFICIENCY 8-9 m<sup>2</sup>/l



**DRY FILM THICKNESS** 

1 coat - **5-10 μm** 



#### MINIMUM SHELF LIFE

36 months



# VOC

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



#### SUBSTRATE PREPARATION

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



# **MIXING RATIO**

100 parts of KAR-BON 50 parts of thinner CP 048/ CP 055/ CP 078



**PROCESS** 

**PROGRESS** 

# **SPRAY GUN SETTINGS**

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



# **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**

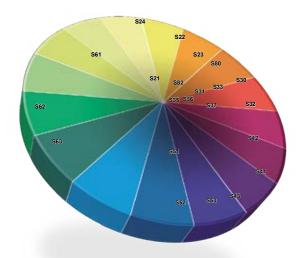
At 20°C and 65% relative humidity 10-15 min before application of clearcoat

No.	Colour number	Name	Price group	Capacity
1	B01	resin	0	3.5
2	B02	flop controller	I	11
3	B03	gloss converter	I	11
4	S11	white non-transparent	I	3.5
5	S12	white super non-transparent	I	3.5
6	S13	white transparent	II	11
7	S21	oxide yellow	II	11
8	S22	lead-free yellow-orange	II	11
9	S23	transparent yellow-orange	Ш	11
10	S24	lemon yellow	II	11
11	S25	transparent oxide yellow	II	11
12	S30	non-transparent orange II		11
13	S31	transparent bright red	II	11
14	S32	non-transparent red	II	3.51
15	S33	semi-transparent vivid red	II	11
16	S35	transparent red-brown II		11
17	S36	transparent red II		11
18	S37	transparent red II		11
19	S41	transparent red-violet II 1		11
20	S42	non-transparent red-violet II		11
21	S43	non-transparent violet II		3.5
22	S51	vivid blue-green II		11
23	S52	non-transparent blue II		11
24	S53	bright blue-violet II		3.5
25	S61	transparent yellow-green II		11
26	S62	non-transparent green II		11
27	S63	non-transparent green-blue	II	11
28	S70	clear black I 3		3.5
29	S71	mixable black I 3.5 I		3.5
30	30 S72 deep black		II	1

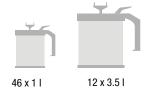
No.	Colour number	Name	Price group	Capacity
31	S80	non-transparent brown	II	11
32	S82	oxide transparent brown	II	11
33	M27	gold aluminium	I	11
34	M90	silver	I	11
35	M91	fsilver	I	3.5
36	M92	silver	I	3.5
37	M93	bright silver	I	11
38	M94	shiny silver	I	3.5
39	M95	shiny silver	I	11
40	P13	pearl white	III	11
41	P14	pearl white	III	11
42	P15	white pearl	III	3.5
43	P20	yellow pearl	III	11
44	P28	orange pearl	III	11
45	P32	copper pearl	III	11
46	P40	red pearl III 1 I		11
47	P41	violet pearl III		11
48	P42	bright red pearl III		11
49	P43	red pearl	III	11
50	P50	blue pearl	III	11
51	P64	green-blue pearl	III	11
52	P65	green pearl	III	11
53	P74	graphite pearl	III	11
54	X15	white xyralic IV		11
55	X20	gold xyralic	IV	11
56	X43	red xyralic IV		11
57	X50	blue xyralic	IV	11
58	X65	green xyralic	IV	11







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



# **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.