

Kar-Bon

Special coat 1K 2:1



Kar-Bon is a new innovative system which allows you to facilitate your work.

Many years of experience and global knowledge helped to develop of a technologically advanced system for the most demanding customers.

Software concept allows intuitive operation like fast and accurate color search. Improved spraying quality over most conventional base coats.

Simple mixing ratio of two part **Kar-Bon** base coat with one part base coat thinner. Excellent color accuracy, easy application - free from clouding, high efficiency is one of the main advantages of the system.

Use according to Directive 2004/42/WE - coatings designed for application as topcoats requiring special properties - subcategory (e).

Paint fluidity: ●●●●●
 Gloss: ●○○○○
 Resistance to scratches: ●●○○○
 Plastic adhesion: ●●●○○

Unit	Packaging	
	Unit	Collective (box)
1 L*		3 pcs
3,5 L*		2 pcs

*) Sizes available for specific toners are presented in the table (on the next page).



100 parts of Kar-Bon,
30-50 parts of thinner CP 048.



Two full layers or until full coverage is achieved.
 For metallic, pearl and xirallic colors, additional light layer for even grain distribution.

Spray gun*. Gravity nozzle: **1.2-1.4 mm**. Suction nozzle: **1.4-1.6 mm**.*
 * Use high pressure equipment and HVLP. Pressure as recommended by the gun manufacturer.



Evaporation before applying consecutive layers: **5 min** (until matt effect is achieved)
10-15 min prior to applying clear coat*.

* after approx. 8 hours the surface painted with the Kar-Bon coat but not covered with clear coat shall be reapplied with matt prior to painting.



Drying time 20°C, 65% H.R:
 Dust free: **5 min**
 Air dry: **10-15 min**



Clear Coat.
 We recommend MS (**CP 1500, CP 400, CP 250**) HS (**CP 2008, CP 2015**), UHS (**CP 2014**) i VHS (**CP 2016**).

i Check out our "StarDust" products on page 12.

Surface preparation:

Clean surfaces with silicon remover.
 Matt the old coatings in the area of shading.

Recommended sizes of paint strainers:

125-190 µm

Thickness of dry coating:

~20-30 µm

Output:

It depends on the color

Spray viscosity in 20°C:

~17-19 s DIN Cup 4 mm

VOC:

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

Date of minimum durability:

36 months (in the original unopened package)

The recipe of the product complies with the VOC guidelines. The products supplied by our company are subject to a number of factory tests, so they can meet the highest demands. However, be aware of the individual conditions of storage, preparation and applications that can influence on the effect of varnishing. The guarantee to keep the highest quality of the coating is to use the product only with the products of the Manufacturer and in accordance with the recommendations of the Manufacturer. The Manufacturer does not guarantee performance and compatibility of the Products with products other than those of the Manufacturer. In order to recognize the guarantee and all claims, the user shall use the technologies and techniques for given Products - according to the technical data sheet and execute the sample spray prior to target painting.

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Color number	Name	Price group	Capacity [L]
B01	resin	0	3,5
B02	flop controller	1	1
B03	gloss converter	1	1
S11	white non-transparent	1	3,5
S12	white super non-transparent	1	3,5
S13	white transparent	2	1
S21	oxide yellow	2	1
S22	lead-free yellow-orange	2	1
S23	transparent yellow-orange	2	1
S24	lemon yellow	2	1
S25	transparent oxide yellow	2	1
S30	non-transparent orange	2	1
S31	transparent bright red	2	1
S32	non-transparent red	2	3,5
S33	semi-transparent vivid red	2	1
S35	transparent red-brown	2	1
S36	transparent red	2	1
S37	transparent red	2	1
S41	transparent red-violet	2	1
S42	non-transparent red-violet	2	1
S43	non-transparent violet	2	3,5
S51	vivid blue-green	2	1
S52	non-transparent blue	2	1
S53	bright blue-violet	2	3,5
S61	transparent yellow-green	2	1
S62	non-transparent green	2	1
S63	non-transparent green-blue	2	1
S70	clear black	1	3,5
S71	mixable black	1	3,5

Color number	Name	Price group	Capacity [L]
S72	deep black	2	1
S75	very deep black	2	3,5
S80	non-transparent brown	2	1
S82	oxide transparent brown	2	1
M90	silver, fine grain	1	1
M91	silver, very fine grain	1	3,5
M92	silver, fine grain	1	3,5
M93	bright silver, medium grain	1	1
M94	shiny silver, medium grain	1	3,5
M95	shiny silver, coarse grain	1	1
P13	pearl white, very fine grain	3	1
P14	pearl white, fine grain	3	1
P15	white pearl	3	3,5
P20	yellow pearl	3	1
M27	gold aluminum	3	1
P28	orange pearl	3	1
P32	copper pearl	3	1
P40	red pearl, fine grain	3	1
P41	violet pearl	3	1
P42	bright red pearl	3	1
P43	red pearl, medium grain	3	1
P50	blue pearl	3	1
P64	green-blue pearl	3	1
P65	green pearl	3	1
P74	graphite pearl	3	1
X15	white xiralllic	4	1
X20	gold xiralllic	4	1
X43	red xiralllic	4	1
X50	blue xiralllic	4	1
X65	green xiralllic	4	1

IMPORTANT REMARKS:

- It is required to turn on the mixing station two times per day for at least 5 min (max. 15 min).
- Recommended temperature for storing ranges from 15°C to 25°C (do not expose products below 5°C also during transport).
- New, unopened containers of toners should be mixed thoroughly before using them.
- Kar-Bon should be poured through 125-190 µm paint strainer before application.
- The additional time needed to heat up the element temperature should be taken into account.
- All given drying and evaporation times are related to relative humidity.
- We recommend to perform spraying test before applying it onto the chosen element.

Price group	The number of colorants
0	1
1	12
2	26
3	15
4	5



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