



ACRYL

Special-purpose mixing system 2K 2:1

The 2K **ACRYL** Mixing System is a high-quality paint system that is based on MS resin and comprises of 23 base colours. This system has been specifically designed to create durable direct gloss on a variety of substrates, including steel, aluminium, and plastics. By incorporating different additives, a wide range of applications can be achieved. For instance, when the two-component technology is utilized, a glossy coating is produced. Conversely, the addition of matting resin 003 creates a matt coating, while the use of slowing resin 002 enables painting of larger surfaces. The 2K **ACRYL** is characterized by its quick-drying, strong concentration, and UV resistance properties. This product is available in both 1 and 3.5-Litre tins, making it convenient for small and large-scale applications.

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

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



RESISTANT TO UV



BASED ON MS RESINS



HIGH PAINT EFFICIENCY



EASY APPLICATION



MULTIPLE APPLICATIONS



SPRAY VISCOSITY
18-21 sec. DIN Flow Cup 4 mm



RECOMMENDED SIZES FOR PAINT STRAINER
125-190 µm



PAINT EFFICIENCY
7-9 m²/l



POT LIFE
1.5 hrs



DRY FILM THICKNESS
1 coat - 25-30 µm
2 coats - 50-60 µm



MINIMUM SHELF LIFE
ACRYL: 36 months in originally sealed packaging
CP 285, CP 286, CP 282: 12 months in originally sealed packaging



VOC
2004/42/WE/11B(e)(840) 840

PROCESS

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



MIXING RATIO
2:1
100 parts of **ACRYL**
50 parts of of hardener **CP 282/ CP 285/ CP 286**
10-20% of thinner **CP 040/ CP 070/ CP 055/ CP 075**



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



APPLICATION
2 full coats leaving time for evaporation between coats



EVAPORATION TIME AFTER APPLICATION
5-10 min after coating at **20°C** and **65%** relative humidity



DRYING
Drying times at **20°C** and **65%** relative humidity:
- dust dryness: **15 min**
- for assembly: **5 hrs**
- thoroughly: **12 hrs**

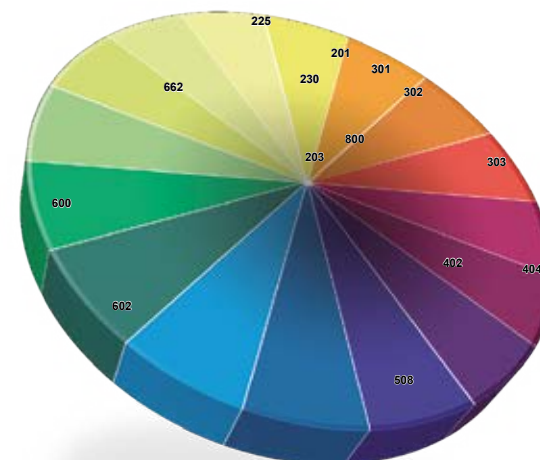
Drying times at **40°C** and **65%** relative humidity:
- for assembly: **1 hrs**

Drying times at **60°C** and **65%** relative humidity:
- for assembly: **30 min**

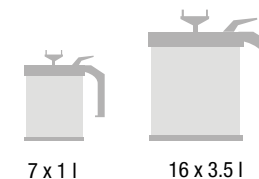
No.	Colour number	Name	Price group	Capacity
1	001	eco binder	0	3.5 l
2	002	fleet additive	I	3.5 l
3	003	matt binder	0	1 l
4	100	white	I	3.5 l
5	101	super white	I	3.5 l
6	201	lead free yellow-orange	IV	1 l
7	203	oxide yellow	I	3.5 l
8	225	lead free yellow	III	1 l
9	230	lead free transparent yellow	IV	1 l
10	301	lead free transparent orange	III	1 l
11	302	lead free orange	IV	1 l
12	303	red	III	3.5 l
13	402	maroon	III	3.5 l
14	404	purple red	III	3.5 l
15	508	blue	II	3.5 l
16	600	green	II	3.5 l
17	602	blue green	II	3.5 l
18	662	transparent yellow-green	I	1 l
19	700	deep black	I	3.5 l
20	702	mix black	I	3.5 l
21	703	medium black	I	3.5 l
22	705	special black	II	3.5 l
23	800	oxide red	I	3.5 l



ACRYL
AVAILABLE IN THE **CLOUD APP**



Price group	Number of toners
0	2
I	8
II	5
III	5
IV	3



MIXING SYSTEM

REMARKS:

- Mixer start-up time approx. **5** minutes (do not exceed **15** minutes), maximum **2** times in **24** hours.
- The material 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.
- **ACRYL** 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.
- We recommend spraying the colour on a test sheet before application.