

Aqua 2G

Waterborne base coat



Paint fluidity:	●●●●●
Gloss:	●○○○○
Resistance to scratches:	●●○○○
Plastic adhesion:	●●●○○
Adhesion to ferrous metals:	●●●●●

Aqua 2G color matching system comprises solid, silver, pearl and xirallc toners. Depending on the popularity, toners are available in 1L and 500 ml containers. The benefits resulting from the use of **Aqua 2G** base coats include:

- Reducing the consumption of organic thinners (even up to 90%), thanks to which the coating technicians will be less exposed to inhaling noxious vapours,
- Perfect selection of colors is supported by high matching level of our recipes,
- Saving of the material in case of using HVLP spray guns,
- Reducing the drying time of the painted elements by using venturi air injection nozzle,
- No need of application of resins on crossings in case of blending in.

	Unit	Packaging	Collective (box)
	1 L*		3 pcs
	500 ml*		6 pcs

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

Surface preparation:

Cleansing with silicone remover;
Aged and roughened coating; 2K acrylic and epoxy primers based on PROFIX technology. Lacquering plastics.

Pot life:

Open-ended

Recommended sizes of paint strainers:

125 µm

Output:

Color dependent

Thickness of dry coating:

~20-25 µm

Spray viscosity in 20°C:

25-30 s DIN Cup 4 mm

VOC:

2004/42/WE/IIIB(d)(420) 420

Date of minimum durability:

6 months in an open package
24 months in an original closed package



100 parts of Aqua 2G,
5-15 parts of thinner CP 010.



Two or three full layers, for metallic colors additional mist coat.
Spraying gun*. Gravity feed nozzle: **1,2-1,4 mm.**
Operating pressure - high pressure: **3-4 bar***; HVLP: **2 bar***.

* Use high pressure equipment and HVLP Pressure as recommended by the gun manufacturer.



Evaporation time before applying consecutive layers: **2-4*** (until matt surface is achieved)
After achieving matt surface wait another **10-15 min** to apply clear coat.

*Evaporation time can be reduced by using Venturi nozzle, cabin air filters, infrared illuminator or Combi heating system.



Drying time in 20°C, relative humidity 65%:
(Venturi nozzle):

Dust free: **5 min**
Air dry: **10-15 min**



Clear coat:
We recommend HS (**CP 2008, CP 2015**), VHS (**CP 2016**).

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

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]
2-001	eco binder	0	5
2-005	base additive	I	0,5
2-100	white	I	1
2-101	white +	I	1
2-203	sand yellow	I	0,5
2-208	yellow-orange	I	0,5
2-209	yellow-orange transparent	I	0,5
2-225	lemon-yellow	I	0,5
2-318	clearly red transparent	II	0,5
2-321	red semi-transparent	I	0,5
2-322	red transparent	III	0,5
2-324	crystal red	I	0,5
2-329	red	III	1
2-400	transparent purple	I	0,5
2-401	violet	II	0,5
2-402	violet-red	I	0,5
2-403	maroon transparent	I	0,5
2-404	clear maroon	II	0,5
2-501	sea blue	I	1
2-502	ocean blue	I	1
2-600	grass green	I	0,5
2-601	green	I	1
2-602	oceanic green	I	0,5
2-603	sea green	I	0,5
2-662	yellow-green transparent	I	0,5
2-700	deep black	I	1
2-701	intense black	I	1
2-702	mix black	I	1
2-705	jet black	I	1
2-804	brown	I	0,5
2-808	brown transparent	I	0,5

Color number	Name	Price group	Capacity [L]
2-820	oxide brown transparent	I	0,5
2-826	yellow transparent	II	1
2-827	oxide yellow transparent	I	0,5
2-832	mica white very fine	III	0,5
2-833	mica white fine	II	0,5
2-835	aluminum light orange	III	0,5
2-836	metallic gold	III	0,5
2-837	mica green-blue	III	0,5
2-845	aluminum red	III	0,5
2-848	mica red fine	III	0,5
2-850	flop additive	I	1
2-858	mica cooper	III	0,5
2-860	mica green	III	0,5
2-861	mica blue	II	1
2-862	mica purple	II	0,5
2-863	metallic medium coarse	I	1
2-864	mica red-yellow	II	0,5
2-866	mica white	II	1
2-867	mica yellow	II	0,5
2-868	mica red	III	0,5
2-869	fine blue pearl	IV	0,5
2-870	transparent white	I	1
2-873	fine aluminum	I	1
2-875	bright aluminum	I	1
2-880	xirallic green	IV	0,5
2-882	xirallic blue	IV	0,5
2-883	aluminum fine	I	1
2-886	xirallic white	IV	0,5
2-887	xirallic gold	IV	0,5
2-889	xirallic red	IV	0,5
2-893	metallic coarse	III	1
2-895	aluminum very coarse	I	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.
- All of the tools and devices used with this product must be approved for waterborne paint.
- The additional time needed to heat up the element temperature should be taken into account.
- The evaporation time can be reduced with air blowers, blower system in the spray booth or by increasing temperature in spray booth.
- Aqua 2G should be poured through 125 µm paint strainer before application.
- We recommend to perform spraying test before applying it onto the chosen element.

Price group	The number of colorants
0	1
I	34
II	10
III	12
IV	6



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