



TECHNICAL SHEET



SERIE / W6000

WATERBORNE BASECOAT SYSTEM

PRODUCTS

- WS/** Solid Bases
- WM/** Metallic Bases
- WP/** Pearl Bases
- WX/** Xirallic Bases
- WT/** Colorstream Bases
- WA/** Additives
- WSO/** Water Based Diluents

DESCRIPTION

The **W6000** Series is a very high performance water-based system with excellent hiding power and blending capability, which achieves a high productivity and an excellent finish.

A thorough work in our color laboratories, and a strict quality control of both raw materials and of the system basics, guarantees a perfect match on solid, metallic, pearls or special effect colors.

The color chart is sorted in chromatic order, which is a great help when matching the colors. Furthermore, the use of the Spectrophotometer allows full access to the complete database, converting the color readings into the best and most accurate combination of colors.

In combination with the Putties, Varnishes and Fillers of **SINNEK**, the **W6000** Series guarantees a perfect Car finish, with an excellent gloss, appearance and durability

SUBSTRATES

Application on steel:

- **PF/9110, PF/7040, PF/7016** after sanding with P320, P400.
- **PW/9110, PW/7040, PW/7016** wet on wet.

Application on plastics:

- **PL/7870, PL/9005** for painting bumpers.
- **PL/1895** for painting several plastic materials: PP, PUR, PS, PA, PP-EPDM, ABS, PVC, GRP.

SURFACE PREPARATION

Degrease with **SO/1020** - **SO/4020** silicone cleaner, dry with a clean cloth and use the tack cloth.






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SERIE W6000 PREPARATION

BICOAT PROCESS

	SOLID COLORS	METALLIC, PEARL AND SPECIAL EFFECT COLOR
 <p>Mixing ratio</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WSO/6000 (>30°C) 15-25</p> <p>WSO/6001 (20-30°C)</p> <p>WSO/6002 (10-20°C)</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WSO/6000 (>30°C) 15-35 (1)</p> <p>WSO/6001 (20-30°C)</p> <p>WSO/6002 (10-20°C)</p> <p>(1) Depending on the tonality</p>
 <p>Recommended Viscosity application at 20°C</p>	<p>25-35"</p>	<p>25-35"</p> <p>Maximum coverage with 10-15% WSO/6000-6001-6002.</p> <p>With high temperatures dilute up to 35% to avoid overspraying and obtain a correct distribution and orientation of Aluminum and pearl particles.</p>
 <p>Recommended filters</p>	<p>Recommended filter 125 µm.</p>	<p>Recommended filter 125-190 µm.</p>

TRICOAT PROCESS / SPECIAL EFFECTS

	WS BASE COAT	PEARL BASE / SPECIAL EFFECT COLOR WP-WX-WM-WT
 <p>Mixing ratio</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WHA/6050 5</p> <p>WSO/6000 (>30°C) 15-25</p> <p>WSO/6001 (20-30°C)</p> <p>WSO/6002 (10-20°C)</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WSO/6000 (>30°C) 25-35</p> <p>WSO/6001 (20-30°C)</p> <p>WSO/6002 (10-20°C)</p>
 <p>Recommended Viscosity application at 20°C</p>	<p>25-35"</p>	<p>25-35"</p>

ATTENTION. Once the product is activated with WHA/6050, the mix should be used within 60'.






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WATERBORNE BASECOAT SYSTEM

SERIE W6000 PREPARATION BICOAT PROCESS

CYCLE REDUCING DRYING TIMES, HIGH HUMIDITY AND/OR LOW TEMPERATURES

	SOLID COLORS	METALLIC, PEARL AND SPECIAL EFFECT COLOR
 <p>Mixing ratio</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WA/6080 10 (1)</p> <p>SO/5100 20 (1)</p> <p>(1) Shake each ingredient before adding the next.</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WA/6080 10 (1)</p> <p>SO/5100 10 (1)</p> <p>(1) Shake each ingredient before adding the next.</p>
 <p>Recommended Viscosity application at 20°C</p>	<p>25-35"</p>	<p>25-35"</p> <p>Maximum coverage with 10-15% WSO/6000-6001-6002.</p> <p>With high temperatures dilute up to 35% to avoid overspraying and obtain a correct distribution and orientation of Aluminum and pearl particles.</p>
 <p>Recommended filters</p>	<p>Recommended filter 125 µm.</p>	<p>Recommended filter 125-190 µm.</p>

TRICOAT PROCESS / SPECIAL EFFECTS





	WS BASE COAT	PEARL BASE / SPECIAL EFFECT COLOR WP-WX-WM-WT
 <p>Mixing ratio</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WHA/6050 5</p> <p>WA/6080 10 (1)</p> <p>SO/5100 20 (1)</p> <p>(1) Shake each ingredient before adding the next.</p>	<p>Proportion in weight</p> <p>Color W6000 100</p> <p>WA/6080 5 (1)</p> <p>SO/5100 30 (1)</p> <p>(1) Shake each ingredient before adding the next.</p>
 <p>Recommended Viscosity application at 20°C</p>	<p>25-35"</p>	<p>25-35"</p>

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SERIE W6000 APPLICATION

	Gravity spraygun Application pressure	1,2 - 1,3 mm 1,5-2 bar	1,2 - 1,3 mm 1,5-2 bar (normal) / 1-1,5 bar (blend)
	Nr. layers	Solids 1-2 coats Evaporate between coats	Metallic / Pearl 1-2 coats. 1 light coat for effect control Let evaporate between layers. Tricoat Pearl Fine layers up to original color Previously, corresponding first coat
	Evaporation at 20 °C Drying with Dry Jet	15-20' 5-10'	15-20' 5-10'
	Drying at 20 °C	15-20' Until complete evaporation or matt before using the clearcoat on top	15-20' Until complete evaporation or matt before using the clearcoat on top
	2C Clearcoat	Clearcoats to use CC/1758 CC/1770 CC/1700 CC/1800 CC/1764	

In order to reduce the application and drying times of the **W6000** Series in conditions of **very low temperature and high humidity**, use **SO/5100 + WA/6080 DRY ADDITIVE** in the proportions indicated.

Proceed then with the dilution and application of the product based on the technical data sheet of the painting system. It can also be used to avoid leaving masking tape marks when painting stripes, as well as to improve the adhesion between layers when these extreme conditions of low temperature and high humidity exist.

In addition, the use of **W6000** with these additives results in a reduction of evaporation times by more than 20% compared to conventional applications, thus improving costs.

ADDITIONAL INFORMATION

- Identify and check the color before painting the vehicle.
- Use the mixing cups of **SINNEK** for mixing the color.
- Mix all ingredients correctly to match the color.
- It is recommended to apply the **W6000** Series on the colored background indicated on each case



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SAFETY AND HYGIENE

Recommendable to use the appropriate personal protective equipment during application to avoid irritation of breathing tract, skin and eye irritation.

For professional use only.

STORAGE

Ready to use colors: 2-3 months. After this time, please contact our technical department.

Keep covered in a dry and ventilated place, avoiding direct exposure to sunlight. We advise

Temperature above 5°C, recommended between 15-30°C.



>5°C

VOC

The Serie **W6000** has a lower organic solvent content than the traditional, compliant with the European Norm 2004/42/CE II(D) [420] <420 g/l

The information contained in this Technical Data Sheet is based on our knowledge and experience and with it we try to advise and inform, being the responsibility of the user to take the necessary measures to guarantee the intended purpose of the product. FOR PROFESSIONAL USE EXCLUSIVELY.

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DILUTION GUIDE FOR DIFFERENT PROCESSES

↓ SERIE / W6000

SOLID

RECOMMENDED PROCESS






	STANDARD	FADE-OUT
White 	15-20%	15-25%
Red 	15-20%	15-25%
Yellow 	10-15%	15-20%
Blue 	15-20%	15-25%
Green 	15-20%	15-25%
Black 	25-30%	25-35%

ALTERNATIVE PROCESS

	STANDARD	FADE-OUT
	15%	15-20%
	15%	15-20%
	10-15%	15%
	15-20%	20%
	10-15%	15-20%
	20-25%	25-35%

METALLIC

RECOMMENDED PROCESS

	STANDARD	FADE-OUT
Light 	25-30%	30-35%
Medium 	25-30%	30-35%
Dark 	25-30%	30-35%
Beige 	25-30%	30-35%
Blue 	25-30%	30-35%







ALTERNATIVE PROCESS

	STANDARD	FADE-OUT
	20-25%	25-30%
	20-25%	25-30%
	20-25%	25-30%
	20-25%	25-30%
	20-25%	25-30%

*If the formula has more than a 50% of coarse aluminium pigments, reduce the dilution in a 5% from the above recommended guide.

PEARL

RECOMMENDED PROCESS

	STANDARD	FADE-OUT
Red 	15-20%	30-35%
Green 	15-20%	30-35%
Purple 	20-25%	25-30%
White 	15-20%	20%
Black 	25-30%	30-35%
Orange 	15-20%	20%

ALTERNATIVE PROCESS

	STANDARD	FADE-OUT
	15%	20%
	15%	25-30%
	20-25%	25-30%
	15%	20%
	20-25%	25-30%
	15-20%	20%

*Three layer colors 1st coat 15-20%.
*Three layer colors 2nd coat 30-35%

* All the percentages indicated must be considered as a guide.