

SHOWELL

Waterborne Finish

 *By* **GERMA-TECH**





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

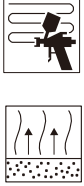

SH – WB8350 Waterborne Epoxy Primer

Description:

2K waterborne epoxy primer with the properties of low voc, less emissions into the environment, excellent adhesion power, easy to apply, brilliant resistance to rust & chemical.

Substrates:

It is suitable use for sanded and cleaned steel, iron, aluminum, galvanized sheet, glass steel .

APPLICATION METHOD				
SURFACE PREP 	Remove wax, silicon or other contaminations with degreaser.			
MIXING WEIGHT VOLUME 	Primer 100 WB8350	Surfacer + 20 25 WB8652	Hardener + 20 25 WB8652	Thinner 8-12 10-15 WB001
VISCOSITY 	Spray Viscosity 30 – 40 seconds (DIN 4 at 23°C) Pot-Life: 23°C 3 hours			
SPRAY GUN SETUP 	RP 1.6mm 1.8 bar Gun Distance: 10-15 cm			
COATS & THICKNESS 	Coats & Thickness: up to 2.5 coats, 40-60um 1. Apply (0.5) half coat, then 2-3 minutes flash off time 2. Apply one wet coat firstly at a gun distance of 10-15cm to cover 50%, then 5 minutes flash-off time. 3. Then another full wet coat at a gun distance of 10-15cm till cover all, allow 20-25 minutes air drying time before force drying.			
DRY TIME 	60°C * 30 mins			

Notes:

1. For iron plate or cast iron with oxidation, sandblasting treatment shall reach grade Sa2.5 with 30-75um surface roughness, or adopting pickling treatment until all scale is removed, and removing rust with steel wire brush.
2. When the temperature is lower than 15 ° C, it is recommended to bake in at 70 ° C for 60 minutes to facilitate the paint film curing.
3. The product should be stored and applied with container and spray equipment of plastic, stainless steel or metal with anticorrosion coatings.
4. The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid work when the humidity higher than 85%.
5. The product mixing with hardener should be used with 4 hours.
6. Clean the spray equipment immediately after use with suitable dedicated waterborne equipment cleaning machine.

Storage:

1. 5-30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
2. Shelf life: 2 years in originally sealed cans.

SH – WB8440 Waterborne Primer Surfacer







Description:

2K waterborne primer surface with the properties of low voc, less emissions into the environment, good sanding and filling ability, excellent adhesion power.

Substrates:

It is suitable use for sanded and cleaned 2K waterborne/solvent epoxy primer, surfaces of OEM paint, refinishes and putty.



APPLICATION METHOD																					
SURFACE PREP 	Remove wax, silicon or other contaminations with degreaser.																				
MIXING WEIGHT VOLUME 	<table border="0"> <tr> <td>Primer Surfacer</td> <td>+</td> <td>Hardener</td> <td>+</td> <td>Thinner</td> </tr> <tr> <td>100</td> <td></td> <td>16</td> <td></td> <td>8-16</td> </tr> <tr> <td>100</td> <td></td> <td>25</td> <td></td> <td>12-25</td> </tr> <tr> <td>WB8440</td> <td></td> <td>WB8642</td> <td></td> <td>WB001</td> </tr> </table>	Primer Surfacer	+	Hardener	+	Thinner	100		16		8-16	100		25		12-25	WB8440		WB8642		WB001
Primer Surfacer	+	Hardener	+	Thinner																	
100		16		8-16																	
100		25		12-25																	
WB8440		WB8642		WB001																	
VISCOSITY 	Spray Viscosity 30 - 40 seconds (DIN 4 at 23°C) Pot-Life: 23°C 1.5-2 hours																				
SPRAY GUN SETUP 	RP 1.4-1.6mm 1.5-2.0 bar Gun Distance: 15-20 cm																				
COATS & THICKNESS 	Coats & Thickness: up to 2.5 coats, 40-60um 1. Apply (0.5) half coat, then 2-3 minutes flash off time 2. Apply one wet coat firstly at a gun distance of 10-15cm to cover 50%, then 5 minutes flash-off time. 3. Then another full wet coat at a gun distance of 10-15cm till cover all, allow 20-25 minutes air drying time before force drying.																				
DRY TIME 	60°C * 30 mins																				

Notes:

1. The substrate must be sanded and cleaned before application of the basecoat (drying sanding with P320-P400).
2. The product should be stored and applied with container and spray equipment of plastic, stainless steel or metal with anticorrosion coatings.
3. The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid work when the humidity higher than 85%
4. The product mixing with hardener should be used within 1.5 hours.
5. Clean the spray equipment immediately after use with suitable dedicated waterborne equipment cleaning machine.

Storage:

1. 5-30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
2. Shelf life: 2 years in originally sealed cans.

SH-WB8450 Waterborne 1K Primer Surfacer

Description:

1K waterborne primer surface with the properties of low voc, less emissions into the environment, easy application, self dry at ambient temperature. Both suitable for sanding or non sanding process with excellent effect in wet to wet spraying, can be efficiently applied in spot repairs.

Substrates:

It is suitable use for sanded and cleaned glass steel, ABS plastic, 2K waterborne/solvent epoxy primer, surfaces of OEM paint, refinishes and putty.



APPLICATION METHOD

Surface Preparation	APPLICATION METHOD	
	Non-sanding	Sanding
Remove wax, silicon or other contaminations with degreaser.		
Mixing Ratio (Weight/Volume)	Add 10-15% SH-WB001 to spray directly	Add 0-10% SH-WB001 to spray directly
Spray Viscosity	23-27 seconds (DIN 4 at 23°C)	26-30 seconds (DIN 4 at 23°C)
Spray Gun Setup	RP: 1.2-1.4 mm 1.3-1.8 bar HVLP: 1.2-1.4 mm 1.3-1.8 bar	RP: 1.6-1.8 mm 1.5-2.0 bar HVLP: 1.4-1.6 mm 2.0 bar
Coats & Thickness	1-2 coats, 25-40 µm	2-3 coats, 25-40 µm
	1. Apply one medium wet coat firstly at a gun distance of 15-20 cm	
	2.3-5 minutes flash-off time between coats till cover all.	
Drying Time	Spray topcoat without sanding after surface matte for 10-20 minutes.	23°C * 30-45 mins 60°C * 10-15 mins

Notes:

- The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid work when the humidity higher than 85%.
- Clean the spray equipment immediately after use with suitable dedicated waterborne equipment cleaning machine.

Storage:

- 1.5-30°C, ideally at cool and dry place for from direct exposure to sunlight.
- Shelf life: 2 years in originally sealed cans.







SH 1K Waterborne Basecoat Solid Colors

Description:

1K waterborne basecoat solid colors with the properties of easy application, good coverage, low voc, fully in line with national environmental standards, which can be process by wet to wet spraying.

Substrates:

It is suitable use for sanded and cleaned OEM refinishes , refinishes, primer surface.

APPLICATION METHOD			
SURFACE PREP 	Remove wax, silicon or other contaminations with degreaser.		
MIXING WEIGHT VOLUME 	SH-WB3041 FULL EFFECT CONTROLLER Mixing Ratio	10-20°C	100:20
		20-35°C	100:10-20
VISCOSITY 	25-40s,DIN 4 Cups at 23°C		
SPRAY GUN SETUP 	RP: 1.2-1.3 mm 1.3-1.5 bar HVLP: 1.2-1.3 mm 1.3-1.8 bar		
COATS & THICKNESS 	1.Apply one wet coat firstly at a gun distance of 10-15cm. Blow off or bake till the surface is dry 2.Apply the second wet coat till covered all at a gun distance of 10-15cm. NOTE: Mist-spraying is NOT allowed in the last coat.		
DRY TIME FLASH OFF 	Allow bake or air-dry. Apply clear coat after the film turns matte.		
THICKNESS	15 +/- um		

Notes:

- 1.The substrate must be well prepared and cleaned before application of the basecoat (dry sanding with #P400-P600).
- 2.SHOWELL waterborne basecoat should be stored and applied with container and spray equipment of plastic, stainless steel or metal with anti-corrosion coatings.
- 3.The basecoat should be stirred well on a mixing machine before use
- 4.The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid working when the humidity is high than 85%.
- 5.If small particles or paint defects occurred in painting, sand out the defected area after the paint film is dried, then refinish.
- 6.The basecoat mixing with controller should be used within the day.
- 7.Clean the spray equipment immediately after use with suitable dedicated wwaterborne equipment preparation machine. Clean with PLUS Controller.
- 8.Don't spray on the metal surface directly. If the metal is exposed on the surface, please spray the epoxy primer first, after drying, spray the primer surface, then spray the waterborne basecoat .

Storage:

- 1.5-30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
- 2.Shelf life: 2 years in originally sealed cans.







SH 1K Waterborne Basecoat Metallic Colours

Description:

1K waterborne basecoat solid colors with the properties of easy application, brightness, good effect of metal particles arrangement, good coverage, well transit in blending area, low voc, fully in line with national environmental standards, which can be process by wet to wet spraying.

Substrates:

It is suitable use for sanded and cleaned OEM refinishes ,refinishes, primer surface.

APPLICATION METHOD			
SURFACE PREP 	Remove wax, silicon or other contaminations with degreaser.		
MIXING WEIGHT VOLUME 	SH-WB3041 FULL EFFECT CONTROLLER Mixing Ratio	10-20°C	100:30
		20-35°C	100:20-30
VISCOSITY 	25-40s,DIN 4 Cups at 23°C		
SPRAY GUN SETUP 	RP: 1.2-1.3 mm 1.3-1.5 bar HVLP: 1.2-1.3 mm 1.3-1.8 bar		
COATS & THICKNESS 	1.Apply (0.5) half coat, then 2-3 minutes flash off time 2.Apply one wet coat firstly at a gun distance of 10-15cm to cover, then 5 minutes flash-off time. 3.Finish with a Mist Spray coat at a gun distance of 25-30cm, allow to dry before applying clear coat.		
DRY TIME 	Allow bake or air-dry. Apply clear cot after the film turns matte.		
THICKNESS	15 +/- um		

Notes:

- 1.The substrate must be well prepared and cleaned before application of the basecoat (dry sanding with # P500-P600).
- 2.SHOWELL waterborne basecoat should be stored and applied with container and spray equipment of plastic, stainless steel or metal with anti-corrosion coatings.
- 3.The basecoat should be stirred well on a mixing machine before use.
- 4.The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid working when the humidity is high than 85%.
- 5.If small particles or paint defects occurred in painting, sand out the defected area after the paint film is dried, then refinish.
- 6.The basecoat mixing with controller should be used within the day.
- 7.Clean the spray equipment immediately after use with suitable dedicated waterborne equipment preparation machine. Clean with PLUS Controller.
- 8.Don't spray on the metal surface directly. If the metal is exposed on the surface, please spray the epoxy primer first, after drying, spray the primer surface, then spray the waterborne basecoat.
- 9.In high brilliance and poor hiding power colors, 5% WB3075 can be added, and then added WB3041PLUS, it can enhance the viscosity between coatings and improve the water resistance of the paint film.

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
- 2.Shelf life: 2 years in originally sealed cans.







SH 1K Waterborne Pearls (3 Stage)

Description:

3 stage 1K waterborne basecoat pearls with the properties of easy application, brightness, good effect of pearl particles arrangement, low voc, fully in line with national environmental standards.

Substrates:

It is suitable use for the surface of 1k waterborne basecoat solid color.

APPLICATION METHOD			
SURFACE PREP 	Remove wax, silicon or other contaminations with degreaser.		
MIXING WEIGHT VOLUME 	SH-WB3041 FULL EFFECT CONTROLLER Mixing Ratio	10-20°C	100:30
		20-35°C	100:20-30
VISCOSITY 	25-40s, DIN 4 Cups at 23°C		
SPRAY GUN SETUP 	RP: 1.2-1.3 mm 1.3-1.5 bar HVLV: 1.2-1.3 mm 1.3-1.8 bar		
COATS & THICKNESS 	1. Basecoat Application (Please refer to the Coats of Solid colors). <i>BASE COAT SHOULD BE ACTIVATED BY ADDING 5% HARDENER TO THE LAYER 1 COATING – REFER SH-WB3075 1K BASECOAT HARDENER</i>		
	FLASH OFF 	2. Pearl Application wet coat firstly, allow flash off, blow off or bake to dry; follow with second Mist Coat. (Some 3 layer pearls may require 2 wet coats before the Mist Coat – replicate desired coating on spray out cards prior to application to repair area.	
DRY TIME	Allow bake or air-dry. Apply clear cot after the film turns matte.		
THICKNESS	15 +/- um		

Notes:

1. The substrate must be well prepared and cleaned before application of the basecoat (dry sanding with # P500-P600)
2. SHOWELL waterborne basecoat should be stored and applied with container and spray equipment of plastic, stainless steel or metal with anti-corrosion coatings
3. The basecoat should be stirred well on a mixing machine before use.
4. In the application of 3 stage Basecoat Pearls, we suggest to add 5% hardener to layer 1, then add WB3041PLUS. It can improve the water resistance of the paint film and avoid bubbles.
5. The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid working when the humidity is high than 85%
6. If small particles or paint defects occurred in painting, sand out the defected area after the paint film is dried, then refinish.
7. The basecoat mixing with controller should be used within the day.
8. Clean the spray equipment immediately after use with suitable dedicated waterborne equipment preparation machine. Clean with Full Effect Controller.

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
2. Shelf life: 2 years in originally sealed cans.









SH-WB811 Waterborne Clear Coat

Description:

2K waterborne clearcoat with the properties of excellent hardness, brilliant resistance chemical & scratch, high gloss, low voc, fully in line with national environmental standards.

Substrates:

It is suitable use for 1k basecoat solid color, sanded and cleaned OEM refinishes, refinishes.

APPLICATION METHOD																
SURFACE PREP 	Remove wax, silicon or other contaminations with degreaser.															
MIXING WEIGHT VOLUME 	<table border="0"> <tr> <td>Clearcoat</td> <td>+</td> <td>Hardener</td> <td>+</td> <td>Thinner</td> </tr> <tr> <td>100</td> <td></td> <td>50</td> <td></td> <td>25-30</td> </tr> <tr> <td>WB811</td> <td></td> <td>WB8602</td> <td></td> <td>WB001</td> </tr> </table>	Clearcoat	+	Hardener	+	Thinner	100		50		25-30	WB811		WB8602		WB001
Clearcoat	+	Hardener	+	Thinner												
100		50		25-30												
WB811		WB8602		WB001												
VISCOSITY 	Spray Viscosity 22 - 30 seconds (DIN 4 at 23°C) Pot-Life: 23°C 2-3 hours															
SPRAY GUN SETUP 	<table border="0"> <tr> <td>RP</td> <td>1.3mm</td> <td>1.5 bar</td> </tr> </table>	RP	1.3mm	1.5 bar												
RP	1.3mm	1.5 bar														
COATS & THICKNESS 	Coats & Thickness: up to 2.5 coats, 40 +/-5um 1. Apply (0.5) half coat, then 2-3 minutes flash off time 2. Apply one wet coat firstly at a gun distance of 10-15cm to cover 50%, then 5 minutes flash-off time. 3. Then another full wet coat at a gun distance of 10-15cm till cover all, allow 10 minutes air drying time before force drying.															
DRY TIME 	60°C * 40 mins															
RECOAT	Small particles or flow hanging can be sanded by P1500-P3000 after being hardened, then do the waxing process.															

Notes:

1. Must force dry the basecoat before spray. (60°C * 5-10mins).
2. The product should be stored and applied with container and spray equipment of plastic, stainless steel or metal with anticorrosion coatings.
3. The drying time of the paint film depends on the ambient temperature, humidity and the speed of the air flow. Suggest to avoid work when the humidity higher than 85%.
4. The clearcoat mixing with hardener should be used within 2 hours.
5. Clean the spray equipment immediately after use with suitable dedicated waterborne equipment cleaning machine.

Storage:

1. 5-30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
2. Shelf life: 2 years in originally sealed cans.

SH-WB3010 Flip Controller

Description:

Used to improve the arrangement of the silver particles and the color effect, making particles sparkling stronger and the film softer.

APPLICATION METHOD		
	Quantity of addition	Remarks
SH-WB3010 Flip Controller	Depends on the color effect, maximum 20%	After added binder, solid color and metallic color, the controller can be added by stir evenly, then add adjuster before using.

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
2. Shelf life: 2 years in originally sealed cans.

SH-WB3020 / SH-WB3021 / SH-WB3022 Binder

Description:

Used to mix with basecoat for color matching and application. Increase solid content, adjust spraying viscosity, lower the VOC level, good for the arrangement of silver or pearl particles, and assistant to the formation of film.

APPLICATION METHOD	
	Suitable for
SH-WB3021 Binder for Solid Color	Solid color
	Silver & Pearl color with low silver or pearl content (< 10%)
SH-WB3022 Binder for Effect Color	Silver & Pearl color with 10-85% silver or pearl content Silver & Pearl color with high silver or pearl content (> 85%)
SH-WB3020 Viscosity Balancer	Enhance the viscosity

Notes:

- 1.Considering the viscosity, suggest add only SH-WB3022 when apply to pure silver system.
- 2.The viscosity of the SH-WB3020 Viscosity Balancer is high. The mixing ratio with Binder SH-WB3021 or SH-WB3022 generally is 1:1 and can be adjusted according to the spraying viscosity needed.

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
- 2.Shelf life: 2 years in originally sealed cans.

SH-WB3041 Viscosity Adjuster

Description:

Used to adjust the viscosity of the SHOWELL waterborne basecoat.

Properties:

- Use in various ambient temperature and humidity.
- Excellent anti-sagging ability, improve the spraying coverage.
- Make the film more smoother and dryer after drying.
- Flexible, the mixing ratio can be changed according to the actual need. Suggest adding 10-30%.

Notes:

- 1.The addition quantity of the Controller depends on the spraying viscosity needed. Suggest no more than 50%.
- 2.The basecoat mixed with Controller should be used within the day.

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
- 2.Shelf life: 2 years in originally sealed cans.

SH-WB3030 Blending Agent

Description:

Auxiliary product of refinishing waterborne paint, used for spot repair to achieve invisible blends.

APPLICATION METHOD			
	Ambient Temp	Humidity	Remarks
SH-WB3030 Blending Agent	5 -35°C	10 -85%	Spray Blending Agent to the blending area before standard basecoat application (No need add Controller)Spray waterborne basecoat before the blending agent is dry on surface.

Notes:

The color coats can not exceed the blending agent area.

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
- 2.Shelf life: 2 years in originally sealed cans.

SH-WB3075 1K Basecoat Hardener

Description:

It is used to match with SHOWELL waterborne basecoat for applying 3-stage colors, or used for engine bay/interior color without needs of recoating with clear coat. It reacts and cross links with the basecoat to form a hard and glossy paint film with good chemical and physical resistance.

APPLICATION METHOD		
Usage	3-stage colors in the basecoat layer (suggest to add to the layer 1)	Engine Bay/Interior Color (no need to apply clear coat)
Quantity added	5%	10%

Notes:

- 1.Mix basecoat with hardener first before mixing with controller for application.
- 2.When application of pearl 3-stage color, suggest add 5% of hardener into the layer 1 coat to increase the hardness of the film and avoid bubbles.
- 3.Use the paint at once after adding hardener, below is the usable time for reference.
- 4.In high brilliance and poor hiding power colors, 5% hardener can be added, and then added WB3041, this can improve the water resistance of the paint film and avoid bubbles.

	Solid color	Metallic color
Adding 5%	45-60 mins	45-90 mins
Adding 10%	30-40 mins	30-60 mins

Storage:

- 1.5 -30°C, ideally at cool and dry place at 23°C with minimum temperature fluctuation.
2. Shelf life: 2 years in originally sealed cans.

SHOWELL Waterborne Tinter's Characteristic Table

SH 1K WATERBORNE SOLID COLORS		
Code	Description	Characteristic
WB1100	Pure White	Standard bright white
WB1111	Pure White (low concentration)	Same with WB1100,the concentration is 1/8 of WB1100
WB1155	Transparent White	Golden yellow face and white blue side
WB9677	Extra Black	High jet black. Blue shade black when sprayed alone and yellowish red shade when mixed with silver
WB9500	Black	Standard white, a bit of red and yellow on the face side
WB9511	Black (low concentration)	Same with WB9500,the concentration is 1/3 of WB9500
WB7255	Violet	Red shade violet
WB6788	Violet Blue	Reddish violet blue
WB6655	Blue	Bright blue face and red side
WB6577	Green Blue	Blue face and green side
WB6777	Organic Blue	Green face and reddest side
WB6766	Transparent Blue	Light blue with red shade
WB6711	Transparent Blue (low concentration)	Same with WB6766,the concentration is 1/8 of WB6766
WB6255	Crystal blue	Bright rich color, red shade blue
WB5666	Green	Blue shade green
WB5611	Green (low concentration)	Same with WB5666,the concentration is 1/8 of WB5666
WB5500	Yellow Green	Yellow shade green
WB4322	Golden Green	Golden face and greenish yellow side
WB4555	Lemon Yellow	Green shade bright yellow
WB4399	Organic Yellow	Reddish shade golden face and reddish yellow side
WB4388	Orange Yellow	Reddish shade yellow
WB4377	Oxide Yellow	Dark yellow with yellow green shade
WB4355	Iron Oxide Yellow	Greenish golden effect on the face and dark on the side
WB2388	Iron Oxide Red	Reddish yellow on the face and brown red side
WB2455	Oxide Red	Non-transparent, dark red yellow on the face, light red side
WB3277	Transparent Brown	Transparent, reddish brown face and light red side
WB2733	Transparent Bright Red	A transparent red with high brightness
WB3266	Orange Red	Yellow shade orange red, semi-transparent
WB2344	Bright Red	Bright red
WB2777	Red	Dark blue face and yellow shade red side
WB2755	Blue Red	Transparent blue shade red.
WB2766	Peach Red	Bright violet red
WB2744	Ruby Red	Bright red with violet shade
WB2711	Peach Red (low concentration)	Same with WB2766,the concentration is 1/6 ofWB2766
WB2788	Violet Red	Blue shade violet red

SH WATERBORNE – SILVER COLORS

Code	Description	Characteristic
WB8099	Extra Fine Bright Silver	Finer than WB810, white face, dark side, with strong metallic impression, as electroplating effect
WB8100	Extra Fine Silver	Finest silver, grey white face and side
WB8111	Fine White Silver	Fine silver with white face and side
WB8122	Medium Fine Silver	Medium fine silver with light face and side
WB8133	Extra Fine Sparkle Silver	Sparkling on the face, strong metallic impression, dark side
WB8233	Medium Sparkle Silver	Sparkling on the face, dark side
WB8255	Medium Coarse Silver	Light on the face and side
WB8266	Extra Medium Sparkle Silver	Strong sparkling and metallic impression, darkest side
WB8300	Coarse Sparkle Silver	Strong sparkle, dark side
WB8311	Coarse Silver	Strong sparkling, same dark or light effect on the face and side
WB8366	Extra Coarse Silver	Coarsest silver with strong metallic impression, coarse sparkling on the face and side
WB8533	Medium Silver Orange	Orange yellow aluminum with medium coarse granule and high brightness
WB8544	Medium Silver Golden	Golden yellow silver with high brightness
WB8522	Bright Blue Silver	Medium fine particle blue silver, high chromatic
WB8555	Flame Red	Medium fine particle bright red silver, high chromatic
WB8566	Emerald Yellow	Medium particle yellow silver, high chromatic

SH WATERBORNE – PEARL COLORS

Code	Description	Characteristic
WBP100	White Pearl	Medium coarse white pearl, semi-transparent, white face, light white with a little dark red on the side
WBP111	Fine White Pearl	Fine white pearl, semi-transparent, white face, light white side
WBP133	Coarse Sparkle White Pearl	Coarse white pearl, strong sparkling effect
WBP600	Blue Pearl	Interference medium coarse blue pearl with medium granule, semi-transparent, red shade blue on the face, with dark yellow white side
WBP611	Fine Blue Pearl	Interference fine blue pearl with granule finer than WBP60, semi-transparent, red shade blue on the face, with light yellow white side
WBP700	Violet Pearl	Interference medium coarse violet pearl with medium granule, semi-transparent, light purple on the face, with light green side
WBP655	Blue Green Pearl	Interference blue green pearl with medium granule, semi-transparent, blue green on the face, with dark yellow shade and green side
WBP500	Green Pearl	Interference medium coarse green pearl with medium granule, semi-transparent, yellow green on the face, with dark milk red side
WBP511	Fine Green Pearl	Interference fine green pearl, yellow green on the face, with light milk red side
WBP400	Yellow Pearl	Interference medium coarse yellow pearl with medium granule, semi-transparent, golden yellow on the face, with light blue side
WBP233	Copper Pearl	Non-transparent, capable to create golden yellow effect for orange yellow and yellow color formulas, copper face, dark yellow side with red side
WBP200	Red Pearl	Non-transparent (non-interference pearl), medium granule, red in every angle, red face while dark red side
WBP211	Fine Red Pearl	Medium fine granule, non-transparent (non-interference pearl), red face, dark red side
WBP222	Interference Red Pearl	Interference fine red pearl, semi-transparent, medium fine granule, pink face, dark yellowish green side
WBP422	Bright Yellow Pearl	Golden yellow pearl
WBP433	Golden Yellow Pearl	Standard yellow pearl
WBP9933	Flame Pearl	Limpid green on the face (45°), light red shade on the side (15°), light green on the side (110°), the color range: limpid green - gem silver - metallic red - golden

SH WATERBORNE - CRYSTAL PEARL COLORS

Code	Description	Characteristic
WBP9100	Crystal White Pearl	Coarse white pearl, strong sparkling and white face in the sun, sparkling and light white with red hue on the side
WBP9600	Crystal Blue Pearl	Interference coarse crystal blue pearl, semi-transparent, more sparkling than WBP600, strong sparkling in the sun with blue red shade on the face, sparkling with yellow white on the side
WBP9500	Crystal Green Pearl	Interference coarse crystal green pearl, semi-transparent, more sparkling than WBP500, strong sparkling in the sun with yellow green on the face, sparkling with light milk red on the side
WBP9400	Crystal Yellow Pearl	Semi transparent, more sparkling than WBP400, strong sparkling in the sun and golden yellow on the face, sparkling with light red blue on the side
WBP9200	Crystal Red Pearl	Sparkling, yellow shade with dark side, strong sparkling in the sun and red on the face, sparkling with red on the side
WBP9300	Crystal Copper Pearl	Non-transparent, more sparkling than WBP233, strong sparkling in the sun and copper on the face, sparkling with yellow shade with red hue on the side