

GENERAL INFORMATION

8-914 Super Clear is an extremely fast-drying clear that can be dried at different temperatures - drying in 5 minutes at 60°C or air-dried for a more energy-efficient option. It comes with a dedicated hardener, 8-910 Super Hardener, with a simple 1:1 mixing ratio. It has excellent application properties and is easy to blend, producing an extremely glossy and level finish, in one visit.

MIXING RATIO



1:1 Clear : 8-910 Super Hardener

In order to obtain optimal adhesion between the clear and the WaterBase 900*, the basecoat should be activated using 2% of the 9-910 WaterBase 900* Super Hardener. (See attached Best Practice).

COMPONENTS



8-910 Super Hardener
1-231 Fade-Out Thinner

Use 1-231 Fade-Out Thinner for blending or fade-out areas.

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HE	1,2 - 1,3	1,8-2,0 / 26-29

ADDITIVES



1-060 2K Structure Coat Fine
1-065 2K Structure Coat Coarse

APPLICATION



1/2 + 1 coat / 40 - 50 µm (1,6-2,0 mil)

1,5 coats: No flash off between coats.

SURFACE PREPARATION



Base coat should be fully dry.

Mask entire vehicle to eliminate unwanted overspray.



FLASH OFF AND DRY TIMES



Flash-off and Dry Times	Flash-off before bake	Dust free	Dry to handle	Dry to polish
Air Dry 20°C (68°F)	-	20 minutes	45 minutes	45 - 60 minutes
Low Bake 40°C (104°F)	0 - 5 minutes	-	15 - 20 minutes	After cooling down
Forced Dry 60°C (140°F)	0 - 5 minutes	-	5 - 10 minutes	After cooling down



See attached Best Practice for additional drying times.

NEXT LAYER



SUBSTRATES



MM 900 - 9999 WaterBase 900* Series

Basecoat needs to be activated.

POT LIFE AT 20°C / 68°F



25 minutes

PHYSICAL DATA

EU REGULATIONS 8-914 Super Clear		
VOC Code	2004/42/IB(d)(420)357	
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product	IB/d, Topcoat - All types. EU limit values: 420 g/l (2007). This product contains a maximum of 357 g/l VOC.	
Chemical Base	Solventborne 2K Polyurea	
Physical Properties	Viscosity (RTS)	13-15 Dincup 4 / 20°C
	Density (kg/l)	1,016
	Flash Point Closed Cup	9°C / 48.2°F
	Volume % Solids	59
	Economy	11.8 m ² /L/50 µm 481 ft ² /Gal/2 mil
	Gloss	High gloss
	Colour	-



DEBEER
REFINISH

8-914
Super Clear

PROTECTION

Use suitable respiratory protection (*fresh air supply respirator is strongly recommended*).



For more detailed information please visit the following link for the Safety Data Sheet:

[SDS DeBeer](#)

CLEAN UP



1-051 Gun Cleaner

Clean spray gun immediately after use.

STORAGE/SHELF LIFE

The up-to-date shelf life overview can be found by clicking on the following link: [Shelf life overview DeBeer](#)



NOTES

All reported product properties on the TDS are determined at a temperature of 20°C / 68°F unless specified otherwise.

8-914 Super Clear

PREPARATION



Colour check

Always determine the right colour and/or colour variant. This should be performed at the earliest stage possible, preferably when estimation of the repair is performed. Creating a spray-out at this stage is best practice.



Protection

Use suitable respiratory protection (fresh air supply respirator is strongly recommended).



Cleaning

Clean with 1-951 Silicone Remover and/or 9-851 WaterBase 900+ Series Degreaser.



Surface preparation

Use sanding paper grit P500 or finer on repair area, and P1500 on blending area.

STEP 1



Mixing 900+ (step1)

Add 2% of 9-910 WaterBase 900+ Super Hardener by weight to the mixed colour.



Mixing 900+ (step2)

Add 15 - 20% of the 9-151 WaterBase 900+ Series Thinner, mix thoroughly.



Note

After adding the hardener and the thinner to the colour the product needs to be applied immediately. Clean spray-gun immediately after use.

STEP 3



Mixing 8-914 Super Clear

Mixing ratio 1:1

8-914 Super Clear : 8-910 Super Hardener

STEP 4



Application

Apply thin closed coat directly followed by a normal full coat, no flash-off in between. (see TDS 8-914 Super Clear). For gun set-up see table below.

	NOZZLE (MM)	AIR PRESSURE (BAR/PSI)
HE	1.2-1.3	1.8-2.0 / 26-29

Note: Unmask vehicle immediately after cure cycle is finalized.

STEP 2



Application

Apply colour @ 2.0 bar, drop-coat @ 1 bar. For gun set-up see table below. Blend into the adjacent panel if needed.

	NOZZLE (MM)	AIR PRESSURE (BAR/PSI)
HVLP	1.2-1.3	2/29
HE	1.2-1.3	2/29



Flash-off

Until a uniform matt surface.

Recommended Products



1-951 Silicone Remover
9-851 WaterBase 900+ Series Degreaser
9-151 WaterBase 900+ Series Thinner
8-914 Super Clear
8-910 Super Hardener
9-910 WaterBase 900+ Super Hardener

STEP 5



Additional drying information

		Drying conditions								
		Air Dry 20°C	Low Bake 40°C	Forced Dry 60°C	Air Dry 20°C	Low Bake 40°C	Forced Dry 60°C	Air Dry 20°C	Low Bake 40°C	Forced Dry 60°C
Relative humidity (outside)	> 70%	✓	✓	✗	✓	✓	✗	✓	✓	✗
	50 - 70%	✓	✓	✓	✓	✓	☑	✓	✓	✗
	30 - 50%	☑	✓	✓	✓	✓	✓	✓	✓	✗
	< 30%	✗	✓	✓	☑	✓	✓	☑	✓	✗
Temperature (outside)		<15°C			15 - 25°C			> 25°C		

✗	Not Recommended
☑	Recommended but drying times may vary from TDS
✓	Recommended