DW-10 MS Clearcoat

1. **Features:** Two -component acrylic polyurethane mediums solid clearcoat. Especially formulated for spraying over basecoat to give it very high gloss and excellent appearance. It owns high chemical resistance and excellent gloss retension.
2. **Substrate:** Existing Finishes after Spraying 1K Basecoat.

Surface Cleaning: Remove wax silicon and other contamination with degreaser.

Mixing Ratio (Volume)	Clear Coat	+ Hardener	+ Thinner
	2	1	0.1~0.2
<18℃	DW-10	DW-20 Fast	DW-36 Fast
18-24 ℃	DW-10	DW-20 Normal	DW-36 Normal/Slow
25-30 ℃	DW-10	DW-20 Normal	DW-36 Slow /Extra Slow
>30 ℃	DW-10	DW-20 Slow	DW-36 Extra Slow
Solid Content	DW-10 51%	DW-20 Normal 32%	

Port Life at 25℃:
2 hours with fast-dry DW-20 Hardener;
4 hours with DW-20 Normal Hardener or DW20 Slow Hardener.
Viscosity: 17-22 Seconds DIN.4 cup at 25℃.

Spray Gun & Pressure	Gravity Feed: 1.2~1.4mm Suction Feed: 1.3~1.4mm
	Conventional: 3~4bar RP:2.0~2.5bar HVLP: 2.0bar

Coats & Thickness	2~3Coats，40~60μm
Flash-Off Time	At 25℃，5~10 minutes between coats
Air-Drying Time	Allow 15~20 minutes air-drying time before force drying

Drying Time:

Temperature	Dust Time	Tack Free	Dry to Handle	Thorough Dry
25℃	30 minutes	2 hours	8 hours	12 hours
60℃	5 minutes	15 minutes	30 minutes	50 minutes

Note:
1. At temperature lower than 15℃, air-dry at ambient temperature is not recommended. Allow a full bake at 60℃
2. In the event of fisheyes during application, add 0.5-1%anti-silicon in the paint remained and respray the affected area.
3. In the overspray area of new and existing finish, apply directly fade out thinner achieve an invisible transition. Details please refer to the technical date sheet of Fade out thinner.
4. The Products mixed with hardener should be used up soon and can not restore for future use.
5. Clean equipments immediately with solvent after application
6. f there are particles or runs after spray, sand the affected area with P1200-P2000 sand paper after thorough drying, then polish to solve the problem.
7. Shelf life: 2 years in original sealed can at cool and dry place at 25℃.

DW-3B KIT MS Clear Coat

Features: Two-component Polyurethane High solid clear coat with properties of high build,very fast Drying,high gloss and hardness,strong chemical resistant,just for small area repair only.
Substrate: Existing Finishes after Spraying 1K Basecoat.
Surface Cleaning: Remove wax silicon and other contamination with degreaser.

Mixing Ratio	Clearcoat	: Hardener	: Thinner	
Solid Content	4	1	0.1-0.2	
	DW-3B 51%	DW-2K 32%	DW-36 Normal	
Pot Life at 25℃	1 hour with DW-2K Series Hardener			
Spray Gun & Pressure	Gravity Gun Tip Size: 1.2-1.4mm Suction Gun Tip Size: 1.3-1.5mm Conventional: 3-4bar RP:2.0-2.5bar HVLP:2.0bar			
Coats & thickness	2-3 coats, 40-60μm			
Flash-off time before backing	5-10 minutes between coats at 25℃			
Air-Drying Time	Allow 10 minutes air-drying time before backing			

Drying Time	Temperature	Dust free	Touch Dry	Handleable	Fully Dry
	25℃	30 minutes	2 hours	6 hours	12 hours
	60℃			10 minutes	15 minutes

Note:
1. after mixing clearcoat with hardener, the mixture should be used up within 30 minutes
2. this clearcoat are only for small area repair only, not for full car spraying
3. as this products dries very fast. The spray viscosity could not be soo high, so that paint defects such as orange skin could be avoided.
4. WB776 extra fast hardener is not used at conditions of high temperature and high humidity.otherwise there will be defects such as blistering or blushing.it is recommended to apply at conditions of temperature lower than 25℃.and humidity lower than 80%. at temperature lower than 10℃,allow a forced dry by baking
5. the above drying time is tested by Washinta Chemical technique department and for reference only .the drying effect would be a little different when application environment and conditions are different.
6. clean equipments immediately with solvent after application
7. Shelf life: 2 years in original sealed can at cool and dry place at 25℃. Packaging:1L or 4L

DW-770 Premium Fast Dry Clearcoat

1.**Features:** Two-component acrylic polyurethane medium-high solids clearcoat.
Fast drying with excellent gloss, flow and hardness.
Excellent weather resistance, chemical resistance and gloss retention.
Designed for automotive spot repair, panel repair and complete refinishing.

2.**Sustrato:** 1K Basecoat / Properly prepared 2K Solid Topcoat / Existing Finishes.

Surface Cleaning: Remove wax silicon and other contamination with degreaser.

Mixing Ratio (Volume)	Clear Coat	+	Hardener	+	Thinner
	2		1		0~0.1
⩽15°C	DW-770		DW-814 Fast		Optional 5-10%
15-25°C	DW-770		DW-815 Normal		No thinner required
>25°C	DW-770		DW-816 Slow		No thinner required
Solid Content	DW-770 53%		DW-815 Normal 40%		

Pot Life at 25°C: 1.5–2 Hours
Spray Viscosity: 16–18 Seconds DIN 4 Cup at 25°C

Spray Gun & Pressure	Gravity Feed:1.3-1.5 mm Suction Feed: 1.4-1.7 mm Air Pressure: 2.0-2.5 bar

Coats & Thickness	1.5–2 Coats;
Flash-Off Time	5–10 Minutes at 25°C
Air-Drying Time	Allow 5–10 minutes before force drying.

Drying Time:

Temperature	Dust Free	Touch Dry	Handleable	Fully Dry
25℃	⩽15 min	⩽1.5 h	3 h	>24 h
60℃	5 min	15 min	40 min	60 min

Nota:

1. 2K PU hardener is moisture sensitive. Keep container tightly sealed after use.
2. Water contamination in spray equipment or compressed air may cause coating defects.
3. Use appropriate respiratory protection during application.
4. Mixed material should be used within pot life and cannot be stored for future use.
5. Clean equipment immediately after use.
6. Shelf life: 2 years in unopened original container.
7. Store in a cool and dry place.

DW-888 KIT ST ClearCoat

1. **Features:** High Solid Clear coat with properties of high build. Fast drying and High gloss, High Hardness, Strong Chemical Resistant, Excellent Color and Gloss Protective Power.
2. **Substrate:** Existing Finishes After Spraying 1K Basecoat

Surface Cleaning: Remove wax silicon and other contamination with degreaser.

Mixing Ratio (Volume)	Clear Coat	+	Hardener	+	Thinner
	2		1		0.2
<18°C	DW-888		DW-887 Fast		DW-1 Fast
18-24 °C	DW-888		DW-887 Normal		DW-1 Normal/Slow
25-30 °C	DW-888		DW-887 Normal		DW-1 Slow/Extra Slow
Solid Content	DW-888 57%		DW-887 Normal 40%		

Port Life at 20°C:
2 hours with DW-887 Premium Fast Hardener;
4 hours with DW-887 Premium Normal Hardener or DW-887 Premium Slow Hardener.

Spray Gun Set Up	Gravity Feed: 1.2~1.4mm Suction Feed: 1.3~1.5mm Conventional: 3~4 bar RP: 2.0~2.5 bar HVLP: 2.0 bar

Coats & Thickness	2~3Coats，40~60μm
Flash-Off Time	At 20℃，5~10 minutes between coats
Air-Drying Time	Allow 15~20 minutes air-drying time before backing

Drying Time:

Temperature	Dust Free	Touch Dry	Handleable	Fully Dry
25℃	40 min	⩽1.5 h	6 h	>24 h
60℃	5 min	15 min	40 min	60 min

Note:

1. At temperature lower than 15℃, air-dry at ambient temperature is not recommended. Allow a full bake at 60℃.
2. In the event of fisheyes during application, add 0.5~1% Anti-silicon in the paint remained and respray the affected area.
3. In the overspray area of new and existing finish ,apply directly Fade Out Thinner achieve an invisible transition. Details please refer to the technical date sheet of Fade Out Thinner.
4. The products mixed with hardener should be used up soon and can not restore for future use.
5. Clean equipments immediately with solvent after application.
6. If there are particles or runs after spray,sand the affected area with P1200~P2000 sand paper after thorough drying ,then polish to solve the problem.
7. Shelf life: 2 years in original sealed can at cool and dry place at 20℃. Packaging: 1L ,4L or 5L