

PRODUCT INSTRUCTION



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CHENG MAO PROFESSIONAL REFINISH SYSTEM

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2K Topcoat Colors

DESCRIPTION

Topcoat, a premium quality, single-stage, two-component refinish product designed to offer exceptional gloss and color match, it also stands out for its excellent shine and outstanding coverage, which gives great performance properties, indicated for general finishes or work in lines of Commercial Vehicles and Automotive Repainting.

ATTRIBUTES

- Extraordinary performance
- Excellent covering and fading properties
- Quick drying, short oreo times between passes
- Full color offering
- Easy to match and apply
- Software of color mixing system






AUXILIARY PRODUCTS

< 18°C	480 Fast Hardener	X-1 Fast Thinner
18-24°C	480 Standard Hardener	X-2 Standard Thinner / X-3 Slow Thinner
25-30°C	481 Standard Hardener	X-3 Slow Thinner / X-4 Extra Slow Thinner
> 30°C	482 Slow Hardener	X-4 Extra Slow Thinner

SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.

MIXING RATIO

	23°C   S	23°C  
Topcoat Colors : Hardener : Thinner		
(Volume)	100	50 10-20
<18°C	2K Topcoat Colors	801 X-1
18-24°C	2K Topcoat Colors	802 X-1/X-2
25-30°C	2K Topcoat Colors	802 X-2/X-3
> 30°C	2K Topcoat Colors	803 X-3
	16-18s DIN 4 Cups	2h with 801 4h with 802/803

APPLICATION METHOD

				23°C
	mm	bar		
	1.3	2.0-2.5	2-3coats 40-60um	5-10'
	1.3	1.8-2.0		

DRYING TIME

15°C	50'	13h
23°C	30-40'	6-8h
60°C	10'	30'

REMARKS

Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



1K Basecoat Colors

DESCRIPTION

Basecoat is a state-of-the-art, premium quality basecoat/clearcoat system designed to provide outstanding color match for today's OEM finishes and excellent hiding. Basecoat is easy to spray and performs well in all shop environments.

ATTRIBUTES

- Excellent color accuracy thanks to the specially selected effect particles and pigments.
- Tens of thousands of colors and variants including pearls, metallic and crystals.
- Flexible in application, easy and fast.




AUXILIARY PRODUCTS

- < 15°C X-1 Fast Thinner
- 15-30°C X-2 Standard Thinner / X-3 Slow Thinner
- > 30°C X-4 Extra Slow Thinner







SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.

MIXING RATIO

		23°C 	 S
(Volume)	Basecoat Colors : Thinner	14-16s DIN 4 Cups	
	100 : 60-80		
<15°C	1K Basecoat Colors X-1		
15-30°C	1K Basecoat Colors X-2/X-3		
>30°C	1K Basecoat Colors X-4		

APPLICATION METHOD

	 mm	 bar		23°C 
 RP	1.3	2.0-2.5	2-3coats 15-25um	5-10'
 HVLP	1.3	1.8-2.0		

REMARKS

After spray, allow 10-15 minutes air-drying time, then spray clear coat at once. Over long air drying time would affect the adhesion power.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
In unopened original packaging, 2 years from manufacturing date.



4000 Mirror Clear Coat

DESCRIPTION

4000 is a high solid content and high resistant to scratches clear coat. High gloss levels ensure the excellent mirror effect. It's the recommended product to be applied to overall repair, panels as well as for sport repairs.

- High gloss and excellent mirror effect.
- Good resistance to scratches, good resistance to abrasion and chemical agents.
- Fast drying, easy application, good levelling property.
- Excellent weather resistance and yellowing resistance.




AUXILIARY PRODUCTS

< 18°C	480 Fast Hardener	X-1 Fast Thinner
18-24°C	481 Standard Hardener	X-2 Standard Thinner / X-3 Slow Thinner
25-30°C	481 Standard Hardener	X-3 Slow Thinner / X-4 Extra Slow Thinner
> 30°C	482 Slow Hardener	X-4 Extra Slow Thinner







SURFACE PREPARATION

Apply E4000 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.



MIXING RATIO

					
Clear coat : Hardener : Thinner					
(Volume)	100	50	10-20		
<18°C	4000	480	X-1	16-18s DIN	2h with 480
18-24°C	4000	481	X-2/X-3	4 Cups	4h with 481/482
25-30°C	4000	481	X-2/X-4		
> 30°C	4000	482	X-4		

APPLICATION METHOD

	 mm	 bar		 23°C
 RP	1.3	2.0-2.5	2-3coats 40-60um	5-10'
 HVLP	1.3	1.8-2.0		

DRYING TIME

		
15°C	70'	10h
23°C	60'	6h
60°C	15'	40'

REMARKS

Humidity affects clear coat components so the application equipment should be absolutely dry.

Close the hardener container immediately after use.

Drying times can be prolonged if humidity decreases.

Use a cleaning thinner before the pot life has expired.

Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



3000 Crystal Clear Coat

DESCRIPTION

3000 is a medium solid acrylic polyurethane clear coat for car refinishing. It offers high gloss levels and durability to finishes. It stands out for its excellent properties such as easy application, good resistance to abrasion and chemical agents, and furthermore it easy to be polished once cured. It is suitable for general repair work.

- Provide excellent finishes with high luminosity and gloss.
- Easy to apply, suitable for different kind of application environment.
- Good weather resistance and yellowing resistance.






AUXILIARY PRODUCTS

< 18°C	380 Fast Hardener	X-1 Fast Thinner
18-24°C	381 Standard Hardener	X-2 Standard Thinner / X-3 Slow Thinner
25-30°C	381 Standard Hardener	X-3 Slow Thinner / X-4 Extra Slow Thinner
> 30°C	382 Slow Hardener	X-4 Extra Slow Thinner





SURFACE PREPARATION

Apply 3000 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.



MIXING RATIO

				 	 
Clear coat : Hardener : Thinner					
(Volume)	100	50	5-20		
<18°C	3000	380	X-1	16-18s DIN 4 Cups	2h with 380 4h with 381/382
18-24°C	3000	381	X-2/X-3		
25-30°C	3000	381	X-3/X-4		
> 30°C	3000	382	X-4		

APPLICATION METHOD

				
RP	1.3	2.0-2.5	2-3coats 40-60um	5-10'
HVLP	1.3	1.8-2.0		

DRYING TIME

		
15°C	50'	13h
23°C	40'	6h
60°C	10'	30'

REMARKS

Humidity affects clear coat components so the application equipment should be absolutely dry.
Close the hardener container immediately after use.
Drying times can be prolonged if humidity decreases.
Use a cleaning thinner before the pot life has expired.
Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
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STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
In unopened original packaging, 2 years from manufacturing date.



2000 HS Clear Coat

DESCRIPTION

2000 is a high solid acrylic polyurethane clear coat. It's very easy to apply. It stands out for its high-quality finish and for its extreme resistance and durability. Its high solid content allows it to offer finishes of great depth and gloss. It's a perfect clear coat for large repairs, panel repairs as well as spot repairs.

- High solid content, allows it to offer great depth and gloss.
- Easy to apply, suitable for different kind of application environment.
- Good weather resistance and yellowing resistance .
- Excellent color and gloss protective power.

AUXILIARY PRODUCTS

< 18°C	280 Fast Hardener	X-1 Fast Thinner
18-24°C	281 Standard Hardener	X-2 Standard Thinner /X-3 Slow Thinner
25-30°C	281 Standard Hardener	X-3 Slow Thinner /X-4 Extra Slow Thinner
> 30°C	282 Slow Hardener	X-4 Extra Slow Thinner

SURFACE PREPARATION

Apply EC-2200 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.

MIXING RATIO

			23°C 		23°C 	
Clear coat : Hardener : Thinner						
(Volume)	100	50	10-20			
<18°C	2000	280	X-1			
18-24°C	2000	281	X-2/X-3			
25-30°C	2000	281	X-3/X-4			
> 30°C	2000	282	X-4			

APPLICATION METHOD

				23°C
	mm	bar		
	1.3	2.0-2.5	2-3coats 40-60um	5-10'
	1.3	1.8-2.0		

DRYING TIME

15°C	70'	10h
23°C	60'	6h
60°C	10'	30'

REMARKS

Humidity affects clear coat components so the application equipment should be absolutely dry.
Close the hardener container immediately after use.
Drying times can be prolonged if humidity decreases.
Use a cleaning thinner before the pot life has expired.
Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
In unopened original packaging, 2 years from manufacturing date.



2800 Clear Coat Set

DESCRIPTION

this is a high solid acrylic polyurethane clear coat. It's very easy to apply. It stands out for its high-quality finish and for its extreme resistance and durability. Its high solid content allows it to offer finishes of great depth and gloss. It's a perfect clear coat for large repairs, panel repairs as well as spot repairs.

- High solid content, allows it to offer great depth and gloss.
- Easy to apply, suitable for different kind of application environment.
- Good weather resistance and yellowing resistance .
- Excellent weather resistance and yellowing resistance .

AUXILIARY PRODUCTS

< 18°C	280 Fast Hardener	X-1 Fast Thinner
18-24°C	281 Standard Hardener	X-2 Standard Thinner /X-3 Slow Thinner
25-30°C	281 Standard Hardener	X-3 Slow Thinner /X-4 Extra Slow Thinner
> 30°C	282 Slow Hardener	X-4 Extra Slow Thinner

SURFACE PREPARATION

Apply 2800 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.

MIXING RATIO

				23°C 	23°C
Clear coat : Hardener : Thinner					
(Volume)	100	50	10-20		
<18°C	2800	280	X-1	16-18s DIN 4 Cups	2h with 280 4h with 281/282
18-24°C	2800	281	X-2/X-3X		
25-30°C	2800	281	-3/X-4		
> 30°C	2800	282	X-4		

APPLICATION METHOD

	mm	bar		23°C
RP	1.3	2.0-2.5	2-3coats 40-60um	5-10'
HVLP	1.3	1.8-2.0		

DRYING TIME

15°C	70'	10h
23°C	60'	6h
60°C	15'	40'

REMARKS

Humidity affects clear coat components so the application equipment should be absolutely dry.
Close the hardener container immediately after use.
Drying times can be prolonged if humidity decreases.
Use a cleaning thinner before the pot life has expired.
Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
In unopened original packaging, 2 years from manufacturing date.



8000 Diamond Clear Coat

DESCRIPTION

8000 is a high solid acrylic polyurethane clear coat. It's very easy to apply. It stands out for its high-quality finish and for its extreme resistance and durability. Its high solid content allows it to offer finishes of great depth and gloss, moreover, it has high hardness. It's a perfect clear coat for large repairs, panel repairs as well as spot repairs.

- High solid content, allows it to offer great depth and gloss, moreover, it has high hardness.
- Easy to apply, suitable for different kind of application environment.
- Good weather resistance and yellowing resistance.
- Excellent weather resistance and yellowing resistance.






AUXILIARY PRODUCTS

< 18°C	880 Fast Hardener	X-1 Fast Thinner
18-24°C	881 Standard Hardener	X-2 Standard Thinner / X-3 Slow Thinner
25-30°C	881 Standard Hardener	X-3 Slow Thinner / X-4 Extra Slow Thinner
> 30°C	882 Slow Hardener	X-4 Extra Slow Thinner




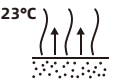
SURFACE PREPARATION

Apply 2800 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.



MIXING RATIO

				 	 
Clear coat : Hardener : Thinner					
(Volume)	100	50	10-20		
<18°C	8000	880	X-1	16-18s DIN 4 Cups	2h with 880 4h with 881/882
18-24°C	8000	881	X-2/X-3		
25-30°C	8000	881	X-3/X-4		
> 30°C	8000	882	X-4		

APPLICATION METHOD

				
RP	1.3	2.0-2.5	2-3coats 40-60um	5-10'
HVLP	1.3	1.8-2.0		

DRYING TIME

		
15°C	70'	10h
23°C	60'	6h
60°C	15'	40'

REMARKS

Humidity affects clear coat components so the application equipment should be absolutely dry.
 Close the hardener container immediately after use.
 Drying times can be prolonged if humidity decreases.
 Use a cleaning thinner before the pot life has expired.
 Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
 Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
 In unopened original packaging, 2 years from manufacturing date.



KG-1008 Extra Fast Clear Coat

DESCRIPTION

- KG-1008 is the recommended product to be applied to overall repair, panels as well as for sport repairs
- Good gloss levels and easy application.
- Fast drying and good levelling property.
- Excellent weather resistance and yellowing resistance .




AUXILIARY PRODUCTS

<18°C 1008-1 Fast Hardener X-1 Fast Thinner
18-30°C 1008-2 Standard Hardener X-2 Standard Thinner /X-3 Slow Thinner

SURFACE PREPARATION

Apply KG-1008 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.

MIXING RATIO

				23°C 	23°C 
Clear coat : Hardener : Thinner					
(Volume)	100	50	0-10	16-18s	The mixture should be used up within 1 hour
<18°C	1008	1008-1	X-1	DIN	
18-30°C	1008	1008-2	X-2/X-3	4 Cups	

APPLICATION METHOD

	mm	bar	
	1.3	2.0-2.5	2-3coats 40-60um
	1.3	1.8-2.0	

DRYING TIME

15°C	30'	90'
23°C	20'	60'
60°C	5'	10'

REMARKS

Re-coat: Wet sand and the affected area with P2000 sandpaper where there are particles or runs after thorough drying, then polish to solve the problem.

Humidity affects clear coat components so the application equipment should be absolutely dry.

Close the hardener container immediately after use.

Drying times can be prolonged if humidity decreases.

Use a cleaning thinner before the pot life has expired.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



KG-9000 High Velocity Clear Coat

DESCRIPTION

- KG-9000 is an ultra fast drying clear coat, especially designed for small repairs, perfect for spot repair process. It is a highly productive product, due to its specific characteristics that allows product, energy, use of facilities and labor savings and a quick customer service.
- Extremely fast drying and curing.
- Energy saving because it dries very fast even in low temperature and thus no need to be dried in a forced way.
- High solid content, allows it to offer great depth and gloss.
- Excellent performance despite extremely fast drying time.




AUXILIARY PRODUCTS

< 18°C KG-9000-1 Fast Hardener X-1 Fast Thinner
18-30°C KG-9000-1 Standard Hardener X-2 Standard Thinner/X-3 Slow Thinner

SURFACE PREPARATION

Apply KG-9000 on the basecoat after the recommended flash off time. It is very important to harden the basecoat so as to reach a perfect adhesion. Clean the dust and particles with tack cloth.

MIXING RATIO

				23°C 	23°C 
Clear coat : Hardener : Thinner (Volume) 100 50 0-10				16-18s DIN 4 Cups	The mixture should be used up within 1 hour
<18°C	KG-9000	KG-9000-1	X-1		
18-30°C	KG-9000	KG-9000-1	X-2/X-3		

APPLICATION METHOD

RP	1.3	2.0-2.5	2-3coats 40-60um
HVLP	1.3	1.8-2.0	

DRYING TIME

15°C	30'	90'
23°C	15'	40'
60°C	5'	10'

REMARKS

Re-coat: Wet sand and the affected area with P2000 sandpaper where there are particles or runs after thorough drying, then polish to solve the problem.

Humidity affects clear coat components so the application equipment should be absolutely dry.

Close the hardener container immediately after use.

Drying times can be prolonged if humidity decreases.

Use a cleaning thinner before the pot life has expired.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



2K Series Hardener

DESCRIPTION

- A series of excellent weather-resistant hardener, specially designed for 2K topcoat colors and clear coats. To match different products application area and conditions, it includes various versions as standard, fast, slow drying and high solid hardener and so on.

Product Name	Description
480 Fast Hardener	Fast drying hardener , suitable for spot repair and low temperature application.
481 Standard Hardener	Standard drying hardener , suitable for spot repair and overall refinishing at normal temperature.
482 Slow Hardener	Slow drying hardener, suitable for spot repair and overall refinishing at normal temperature.
380 Fast Hardener	Medium solid fast drying hardener, suitable for spot repair and low temperature application.
381 Standard Hardener	Medium solid standard drying hardener, suitable for spot repair and overall refinishing at normal temperature.
382 Slow Hardener	Medium solid slow drying hardener , suitable for spot repair and overall refinishing at high temperature.
280 HS Fast Hardener	High solid fast drying hardener for 2000 HS Clear coat, suitable for spot repair and low temperature application.
281 HS Standard Hardener	HS High solid standard drying hardener for 2000 HS Clear coat, suitable for spot repair and overall refinishing at normal temperature.
282 HS Slow Hardener	HS High solid slow drying hardener for 2000 HS Clear coat, suitable for spot repair and overall refinishing at normal temperature.
880 HS Fast Hardener	HS High solid Fast drying hardener for 8000 HS Clear coat , suitable for spot repair and overall refinishing at normal temperature.
881 HS Standard Hardener	HS High solid Standard drying hardener for 8000 HS Clear coat, suitable for spot repair and overall refinishing at normal temperature..
882 HS Slow Hardener	HS High solid slow drying hardener for 8000 HS Clear coat, suitable for spot repair and overall renishing at normal temperature.

REMARKS

Choose right hardener according to temperature, humidity, and drying condition, generally, better to use fast drying hardener below 18°C, standard hardener at 18-30°C and slow drying hardener above 30°C.

Please seal the can tightly after use as hardener is sensitive to moisture. Absorption of moisture can lead to chemical reaction and concreting. Please keep away from direct sunlight in storage.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



376 2K Blend varnish


DESCRIPTION

- Resin solution used as an additive for spraying 2K topcoat colors. It improves the gloss of the paint film.

MATCH WITH

2K Topcoat Colors

MIXING RATIO

	2K Topcoat Colors can add 0-20% 376 2K Blend Varnish.
	All quantity of (2K Topcoat Colors+376 2K Blend Varnish) : 2K Series Hardener =2:1

REMARKS

For the paint itself with low opacity, do not add more binder.
Do not use in 1K basecoat or clear coat.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
In unopened original packaging, 2 years from manufacturing date.



500 Silver fixing agent

DESCRIPTION

- For 1K metallic basecoat, able to speed up air drying time, enhance the orientation of silver & pearl particles, and improve the application property.


ATTRIBUTES

- To speed up air drying time
- To enhance the orientation of silver & pearl particles
- Improve the application property.

MATCH WITH

1K Basecoat

MIXING RATIO

	<ol style="list-style-type: none">1. Addition of 500 Silver fixing agent to 1K metallic basecoat is 10-20% of total volume.2. In 3-stage 1K pearl colors spraying, spraying the accordingly basecoat color firstly, then mixing 500 Silver fixing agent with the chosen pearl color, adding 50-70% of 500 Silver fixing agent according to the actual need, start spraying.3. For basecoat colors with low opacity, such as red pearl, addition of 500 Silver fixing agent should be less than 15% so as not to affect the hiding power of the paint.
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SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C- 35°C.

In unopened original packaging, 2 years from manufacturing date.



501 Color control agent

DESCRIPTION

- Effect additive for metallic colors, control silver particles. After adding it, the arrangement of the silver powder becomes loose, the front side becomes deeper, the side becomes shallower, and the particle size of silver powder becomes coarser.

APPLICATION METHOD



20% or less of 501 can be used to lighten the side tone of the metallic color and create a darker face with appearance of larger metallic sparkle. Excess addition would affect the adhesion between basecoat and clear coat.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



X-Series Thinner

DESCRIPTION

- High quality thinner, specially developed for EC primer, basecoat and topcoat. Available with fast, standard, slow and extra slow drying speed to match different products and different application requirements.
- To reduce the application viscosity;
- To increase the smoothness of paint film.
- Good solubility.

Product Name	Characteristic
X-1 Fast	1K basecoat only, with very fast evaporation speed, suitable for spot repair or application below 15°C
X-2 Standard	Standard thinner for 1K basecoat and 2K products, with medium evaporation speed, suitable for spot repair or application at 15-25°C.
X-3 Slow	For 1K basecoat and 2K products, with slow evaporation speed, suitable for spot repair or overall refinishing or application at 25-30°C.
X-4 Extra Slow	2K products only, with every slow evaporation speed, suitable for overall refinishing, large area application or application over 30°C.

REMARKS

If the temperature and humidity are too high, 10-30% EC-5960 Retarder Solvent can be added.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



310 Filler

DESCRIPTION

- Single-component putty with good filling power, fast drying, easy to apply and sand, suitable to cover small scratches, sand holes and pinholes.


SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.


APPLICATION METHOD

Directly spread thin coat by coat.	
Flash Off	10-15'
Application Tool	Putty knife, soft rubber or plastic spreader.

DRYING TIME

		
23°C	30'	Allow longer drying time for thick coating

SANDING

	
WET SANDING	P600-P800
DRY SANDING	P400-P600

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Not recommended to apply over large area.
Seal the can tightly after use to avoid skinning.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.
In unopened original packaging, 2 years from manufacturing date.



330 1K Primer Surfacer

DESCRIPTION

- Fast drying one pack primer surfacer, suitable to cover minor defects in surface of putty or existing finish. It is easy to apply with good filling power and ease of sanding for economical refinishing.
- High filling power, fast drying, easy to apply.




AUXILIARY PRODUCTS

-2 Standard Thinner










SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.


MIXING RATIO

	  S
1K Primer Surfacer : Thinner (Volume) 1 0.8-2 330 X-2	16-18s DIN 4 Cups

APPLICATION METHOD

	  mm	  bar		 
 RP	1.6	1.8-2.0	2-3coats 25-30um	5-10'

DRYING TIME


15°C 45'
23°C 30'

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Not recommended to use thinner of fast drying speed and high water content.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



340 Fast 2K Primer Surfacer

DESCRIPTION

- Multi-purpose double pack primer surfacer, with strong filling power and fine adhesion between coats, has excellent flexibility and impact resistance which can increase gloss and build of topcoat.
- High isolating ability and high build property.
- Excellent adhesion to putties, fillers and properly sanded hardened paints.
- Easy to apply, excellent levelling and sanding property.
- Give proper basis to get good finish without absorbing the paint's gloss.

AUXILIARY PRODUCTS

< 25°C 340 Hardener X-2 Standard Thinner

≥ 25°C 340 Hardener X-3 Slow Thinner / X-4 Extra Slow Thinner

SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.

MIXING RATIO

				23°C 	23°C
2K Primer Surfacer : Hardener : Thinner				20-24s DIN 4 Cups	30' with 640
(Volume)	3	1	1.5-2		
(Weight)	4	1	1.5-2		
<25°C	340	640	X-2		
≥25°C	340	640	X-3/X-4		

APPLICATION METHOD

				23°C
RP	1.6	1.8-2.0	2-3coats 40-60um	5-10'

DRYING TIME

15°C	3h
23°C	2h
60°C	30'

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



345 Fast 2K Primer Surfacer

DESCRIPTION

- Multi-purpose double pack fast drying primer surfacer, with strong filling power, fine adhesion between coats and good sanding properties, can increase gloss and build of topcoat.
- High isolating ability and high build property.
- Excellent adhesion to putties, fillers and properly sanded hardened paints.
- Easy to apply, excellent levelling and sanding property.
- Give proper basis to get good finish without absorbing the paint's gloss.

AUXILIARY PRODUCTS

< 25°C	645 Fast Hardener	X-2 Standard Thinner
25-30°C	645 Fast Hardener	X-3 Slow Thinner/ X-4 Extra Slow Thinner
≥30°C	645 Standard	X-3 Slow Thinner/ X-4 Extra Slow Thinner

SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.

MIXING RATIO

				23°C		23°C
Fast 2K Primer Surfacer : Hardener : Thinner				20-24s DIN 4 Cups		30' with 645 45' with 645
(Volume)	3	1	1.5-3			
(Weight)	4	1	1.5-3			
<25°C	345	645	X-2			
25-30°C	345	645	X-3/X-4			
≥30°C	345	645	X-3/X-4			

APPLICATION METHOD

				23°C
mm	bar			
	1.6	1.8-2.0	2-3 coats 40-60um	5-10'

DRYING TIME

15°C	3h
23°C	2h
60°C	30'

SANDING

DRY SANDING	P400-P600
WET SANDING	P600-P800

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

Re-coat: After drying and sanding, re-coat with all kinds of topcoat.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



350 Epoxy Primer

DESCRIPTION

- It's a 2K high solid epoxy primer. Its anti-corrosive content, chemical resistance and high adhesion ensure good isolating properties. Gives excellent rust proofing for bare metal, good adhesion power to steel, aluminum and galvanized steel.
- Excellent adhesion to a wide variety of metal surfaces.
- High isolating ability and anti-corrosive properties.
- Good levelling property and easy to sand.





AUXILIARY PRODUCTS

350 Hardener X-1 Thinner





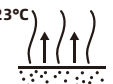
SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.


MIXING RATIO

				23°C 		23°C 
Epoxy Primer : Hardener : Thinner				14-16s DIN 4 Cups		4-6h with X-1
(Volume)	3.5	1	1			
(Weight)	5	1	1-1.5			
	350	650	X-1			


APPLICATION METHOD

				23°C 
	1.6	1.8-2.0	1-2coats 15-20um	5-10'

DRYING TIME

	
15°C	24h
23°C	12h
60°C	60'

SANDING

	
INITIAL	P600
FINAL	P800

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



355 Fast Dry Epoxy Primer

DESCRIPTION

- It's a 2K high solid epoxy primer. Its anti-corrosive content, chemical resistance and high adhesion ensure good isolating properties. Gives excellent rust proofing for bare metal, good adhesion power to steel, aluminum and galvanized steel.
- Excellent adhesion to a wide variety of metal surfaces.
- High isolating ability and anti-corrosive properties.
- Good levelling property and easy to sand.





AUXILIARY PRODUCTS

355 Hardener X-1 Thinner





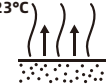
SURFACE PREPARATION

Remove wax, silicon and other contaminations with degreaser.


MIXING RATIO

				23°C 		23°C 
Epoxy Primer : Hardener : Thinner				14-16s DIN 4 Cups		4-6h with X-1
(Volume)	3.5	1	1			
(Weight)	5	1	1-1.5			
	355	650	X-1			


APPLICATION METHOD

				
	mm	bar		
	1.6	1.8-2.0	1-2coats 15-20um	5-10'

DRYING TIME

	
15°C	24h
23°C	12h
60°C	60'

SANDING

	
INITIAL	P600
FINAL	P800

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Air-Drying Time: Allow 15-20 minutes air drying time before force drying.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



360 Plastic Primer

DESCRIPTION




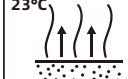


- A single-component transparent fast drying primer, used to promote adhesion of paint system to plastic parts.
- Ready for use.
- Good adhesion on a large variety of plastic surfaces used in vehicle manufacturers.

SURFACE PREPARATION

Wet sanding: Sanding with P800-P1000, remove wax, silicon or other contaminations with degreaser.

Dry sanding: Sanding with cleaner.

APPLICATION METHOD

	 \varnothing mm	 bar		 23°C
 RP	1.3	2.0-2.5	1-2coats 4-5um	3-5'
 HVLP	1.3	1.8-2.0		

EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

REMARKS

Air-Drying Time: Allow 5-10 minutes at 23°C.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



910 Degreaser


DESCRIPTION

- Able to remove grease, oil and other surface contaminants to avoid paint film defects. Existing finishes, primer, putty and metal.

MIXING RATIO

	Ready for use.
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USAGE

	<ol style="list-style-type: none">1. Degrease the substrate with tack rag wetted with degreaser.2. Wipe and dry the surface with another clean tack rag.
---	---

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.




920 Thinner SRA


DESCRIPTION

- To dissolve the rough overspray area of new and existing finishes and achieve an invisible transition for panel repair.

MIXING RATIO

	Ready for use. Can mix with the paint remained in the spray gun in the ratio of 1:1.
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APPLICATION METHOD

	Spray lightly one coat over the overspray area with Thinner SRA right after the finish. Second coat in 20 seconds.
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REMARKS

Not suitable with 1K basecoat and primer.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



930 Anti-silicon


DESCRIPTION

- Additive for 2K topcoat colors or clear coats, able to remove fisheyes or craterings on the paint film.


MATCH WITH

2K topcoat colors or clear coat.

MIXING RATIO

	Paint ready for use Can add 0.5%-1% anti-silicon of the paint quantity.
---	--

APPLICATION METHOD

	Spray one or two coats over the paint film with fisheyes or craterings by paint mixed with 930 anti silicon.
---	--

REMARKS

Mix with right ratio of anti-silicon. Excess addition may cause defect of small bubbles or pinholes.

In serious problems, fisheyes affected paint film must be sanded out and filled when it is hard dry. Refinish with paint mixed with anti-silicon.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



940 Matting Agent

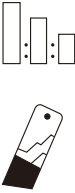
DESCRIPTION

- Used to reduce the brightness of the paint film. Good matting ability with smooth paint film. Suitable for 1K and 2K system.


MATCH WITH

2K topcoat colors, clear coats and 1K basecoat.

MIXING RATIO

	1K Basecoat : 940 = 100 : (15-30)			
	2K Topcoat:			
	Effect	2K Topcoat	940	Hardener
	All matte (Gloss < 2%)	100 parts	150 parts	50 parts
	Half matte(egg shell) (Gloss: 2-30%)	100 parts	80-100 parts	50 parts
	Half bright (Gloss: 30-70%)	100 parts	40-80 parts	50 parts

APPLICATION METHOD

	Refer to the technical data sheet of the matching products for proper application.
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REMARKS

The matting agent is easy to crystallize when exposed to air too long. To avoid particles in the paint film, especially when applied in combination with clear coat, remove crystallized particles and other contaminations around the can rim before use and pour out with filter.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



960 Retarder Solvent


DESCRIPTION

- Additive to prolong volatilization of solvent. Helps to produce a quality refinishing job of good leveling and blushing-free at circumstances of high temperature, humidity or large area repair.


MATCH WITH

1K basecoat, 2K topcoat colors and clear coats

MIXING RATIO

	Add 10-30% of Retarder Solvent into X-2 or X-3 thinner when the ambient temperature is over 30°C.
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APPLICATION METHOD

	Refer to the technical data sheet of the matching products for proper application.
---	--

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.




980 Quick Drier

DESCRIPTION

- Specially designed for 2K topcoat colors and clear coat, can speed up the dust free time and air drying time of paint film, suitable for spot repair or application at low temperature.

MIXING RATIO

	<ol style="list-style-type: none">1. 10-15°C: 0.5 tin cap 980 Quick Drier into 1L ready-to-spray paint;2. 0-10°C: 1-1.5 tin cap 980 Quick Drier into 1L ready-to-spray paint;3. Below 0°C: 1.5-2 tin cap 980 Quick Drier into 1L ready-to-spray paint
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REMARKS

Pot life of paint mixed with 980 Quick Drier would be shortened considerably, use up as soon as possible.

Recommended addition of 980 Quick Drier is not over than 2 tin for 1L ready-to-spray paint, otherwise it would cause paint film embrittlement and loss of gloss.

980 Quick Drier can not be used as hardener, but can be used with hardener.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.

Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between 5°C-35°C.

In unopened original packaging, 2 years from manufacturing date.



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