



TECHNICAL DATA SHEET 2025

DONGLAI COATING TECHNOLOGY
www.MARIPOSA-ADVANCED.com

MARIPOSA

Donglai Coatings Technology

Established in 1999, we specialize in high-performance coatings fields such as automotive coatings, industrial coatings, and 3C consumer electronic coatings.

Stock Code:688129

MARIPOSA, advanced solvent system of auto refinish from Donglai Coating.

Designed for productive collision repair shops, besides traditional products, also include products for premium finishing and fast repair.

Featured products: HS Clear Coat, 30 mins Fast Curing Clear Coat, Wet on Wet Primer, High build Primer, Tintable Primer etc.

We are adding colors to the world!

<div> <div>Mariposa®</div> <div>TJM Series 1K Solid Colors</div> </div>		
Shade Code	Scaleable	Shade Features
TJM11 Chestnut	0-100%	High chroma,bright,yellowish,tomake red pearl series colors.
TJM12 Magenta	0-100%	Dark purplish red shade.High chroma.
TJM13 Permanent Red	0-100%	Purplish pink shade, high chroma.
TJM114 Transparent Bright Red	0-100%	Similar to TJM14, yellow red with transparent.
TJM14 Bright Red	50-100%	It makes metallic paint side light and reddish yellow. Not transparent.
TJM15 Brownish Red	0-100%	Dark gray shade makes metallic paint side light and reddish yellow.Not transparent.
TJM17 Transparent Gold	0-90%	It's recommended for mixing golden color ,reddish yellow.
TJM18 Transparent Brown	0-100%	It's recommended for mixing golden color ,strong reddish.
TJM19 Transparent Red	0-100%	Relatively transparent, normal opacity.
TJM22 Orange	0-100%	It makes metallic paint side tone light and reddish yellow. Not transparent
TJM31 Canary yellow	0-90%	It makes metallic paint face tone yellow shade, green flop. High chroma.
TJM32 Med.Yellow	0-90%	Adding makes metallic paint side tone more light and reddish yellow. Not transparent.
TJM322 Yellow	0-90%	Adding makes metallic paint side tone more light and reddish. Not transparent.
TJM33 Khaki	0-100%	Dark darker yellow tinter makes metallic paint side tone light, stone yellow. Not transparent.
TJM36 Lemon Yellow	0-90%	It makes metallic paint side tone lighter, yellowish green.
TJM37 Pure Yellow	0-100%	High chroma is recommended for mixing golden color with yellowish green tone.
TJM35 Transparent Yellow	0-90%	It's recommended for mixing golden color, face and side tone yellowish green.
TJM41 Bronze Green	0-80%	High chroma is recommended for mixing golden color, obvious yellowish green shade.
TJM42 Emerald Green	0-100%	Yellowish green shade, high chroma.
TJM43 Permanent Green	0-100%	Bluish green shade.
TJM51 Bright Blue	0-100%	Face tone green, and side tone red, high chroma.
TJM52 Permanent Blue	0-100%	Face tone is bluer than bright blue, side tone red.
TJM54 Transparent Blue	0-30%	Face tone blue,side tone green, high chroma.
TJM55 reddish Blue	0-100%	Both face and side tone purplish blue.
TJM60 Purple	0-100%	Reddish purple, side tone dark.
TJM09 Pure White	0-100%	It makes metallic paint face tone haze and side tone light. Recommended for metallic side tone adjustment.
TJM01 Super White	0-100%	Recommended for basecoat of pearl colors, high concentration, high opacity.
TJM03 Transparent White	0-50%	To make metallic piant side tone light and blueish, and yellowish at 45°.
TJM72 Metallic Controller	0-20%	Aluminum controlling resin. Makes positive bevel tone dark while side tone light, more shinning.
TJM73 Transparent Additive	0-50%	Clear and transparent resin. Overuse will affect opacity.
TJM81 Special Black	0-100%	Recommended for whole car refinishing, blueish, high concentration.
TJM85 Pure Black	0-100%	The deepest black toner, high chroma, blueish, high concentration, can be for whole car refinishing.
TJM86 Hi-concentration Black	0-30%	For fine toning of metallic colors. its side tone becomes light with blueish tone when it is mixed with aluminum,

Attention:

1. Do not mix with 2K colors.
2. High hiding power, wonderful color with third dimension when use with 2K clear coat.

<div> Mariposa® </div> <div> TYM Series 1K Metallic Colors </div>		
Shade Code	Scaleable	Shade Features
TYM08 Very Fine Aluminum	0-100%	Most fine aluminum, face and bevel dark, side tone light.
TYM13 Fine Aluminum	0-100%	Fine aluminum, face and bevel a little dark, side tone grey.
TYM14 Bright Aluminum	0-100%	Fine aluminum, face bright, with dark side tone.
TYM15 Fine Bright Aluminum	0-100%	Shinning with strong metallic texture. Face and bevel are bright and white with dark side tone.
TYM23 Medium Aluminum	0-100%	Face a little darker than TYM24, side a little lighter than TYM24. Medium grain diameter.
TYM24 White Medium Aluminum	0-100%	Face and bevel are bright and side dark.
TYM31 Med. Bright Aluminum	0-100%	Both face and side tone are bright and sparkling.
TYM32 Med Coarse Bright Aluminum	0-100%	Slightly coarser and more sparkling than TYM31. Brighter white than TYM31 at face and bevel. Darker than it at side.
TYM40 Coarse Aluminum	0-100%	Coarse and sparkling.
TYM50 Coarse Bright Aluminum	0-100%	The coarsest and most sparkling aluminum, normal hiding power.
TYM61 Red Aluminum	0-100%	Red colouring aluminum powder, hihg colour, side dark.
TYM64 Green Aluminum	0-100%	Green colouring aluminum powder, high colour, side dark.
TYM65 Blue Aluminum	0-100%	Blue colouring aluminum powder, TJM54 tone, face blue, side green,and dark high colour.
TYM63 Yellow Silver	0-100%	Special color aluminum, golden yellow granules, side tone dark yellow.

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<div> Mariposa® <div> TYM Series 1K Metallic Colors </div> </div>		
Shade Code	Scaleable	Shade Features
TPM01 White Pearl	0-100%	Middle-diameter, face quite white, side tone beige. Colorful and shinning in the sun.
TPM02 White Pearl(fine)	0-100%	Fine, face and bevel tone a little dark. Colorful and shinning in the sun.
TPM03 White Pearl(coarse)	0-100%	Coarse, face quite white, side tone beige. Colorful and shinning in the sun.
TPM05 Super Fine white Pearl	0-100%	White pearl, finer than TPM02.
TPM06 Glass White Pearl	0-100%	High transparency, high flash in sunlight, Interference effect white pearl, bright white.
TPM07 Aluminum Pearl	0-100%	Blue and white shinning white pearl, side dark.
TPM10 Red Pearl(coarse)	0-100%	Noninterference, good opacity, yellowish red, coarse.
TPM11 Red Pearl(fine)	0-100%	Noninterference, good opacity, yellowish red, fine.
TPM12 Pure Red Pearl	0-100%	Interference, quality, 90°angle of face misty white, 45°angle of side red,at 15°angle of bevel beige and greenish.
TPM13 Brown Pearl	0-100%	Noninterference, coarse, reddish yellow, high chroma.
TPM14 Med. Red Pearl	0-100%	Noninterference, High vibrancy, coverage, pure red pearl color.
TPM20 Yellow Pearl(fine)	0-100%	Noninterference, fine, face and bevel greenish yellow and dark, side light grey.
TPM21 Yellow Pearl(coarse)	0-100%	Noninterference, coarse, positive bevel golden and side light grey.
TPM23 Pure Yellow Pearl	0-100%	Interference, misty white at 90°angle of face, yellow at 45°angle of side , purplish at 15° angle of bevel.
TPM25 Interfering Yellow Pearl	0-100%	Interference, yellow pearl, similar to TPM23, coarser than TPM23.
TPM30 Pure Green Pearl	0-100%	Interference, misty white at 90°angle of face, green at 45°angle of side , at 15° angle of bevel beige and reddish.
TPM31 Stellar Green Pearl	0-100%	Noninterference, face emerald green, bright red pearl at side.
TPM40 Pure Blue Pearl	0-100%	Interference, misty white at 90°angle of face, blue at 45°angle of side, beige and orange at 15° angle of bevel.
TPM41 Blueish Purple Pearl	0-100%	Interference, misty white at 90°angle of face, purplish blue at 45°angle of side, beige and orange at 15° angle of bevel.
TPM26 Pure Purple Pearl	0-100%	Interference, misty white at 90°angle of face, purple at 45°angle of side, beige and yellowish at 15° angle of bevel.
TPM08 White Crystal Pearl	0-100%	Special. It has strong metal texture in the sun. Clear as a whole, more sparkling.
TPM18 Red Crystal Pearl	0-100%	Special, reddishing yellow. It has strong metal texture in the sun. Clear as a whole, more sparkling.
TPM28 Yellow Crystal Pearl	0-100%	Special, face misty white, yellowish bevel, side purplish cream. Clear as a whole, more sparkling.
TPM29 Crystal Brass Pearl	0-100%	Special, face reddish yellow, side dark. Clear as a whole, more sparkling.
TPM38 Green Crystal Pearl	0-100%	Special, face misty white, bevel greenish, side reddish cream color. Clear as a whole, more sparkling.
TPM48 Blue Crystal Pearl	0-100%	Special, face misty white, bevel blueish, side orangeish cream. Clear as a whole, more sparkling.
TPM92 Crystal Fine White Pearl	0-100%	Finer and whiter than TPM08, special pearl, strong metallic texture in sunlight, clear as a whole and more sparkling particles
BSM31 Illusion Green Red Pearl	0-10%	Chameleon pearl powder, contrary to TPM13, face red and bevel green.
BSM13 Red-green Illusion Pearl	0-10%	To make chameleon color series.

Attention:

1. Do not mix with 2K colors.
2. High hiding power, wonderful color with third dimension when use with 2K clear coat.

<div> Mariposa® TSM Series 2K Metallic Colors </div>		
Shade Code	Scaleable	Shade Features
TSM01 Super White	0-100%	Recommended as main color in white series, high hiding power.
TSM11 Magenta	0-100%	Recommended as matching deep red, yellowish, high chroma.
TSM12 Violet red	0-100%	Deep purple and shade, high chroma.
TSM13 Permanent Red	0-100%	Pink purple red, normal opcaity.
TSM14 Scarlet	0-100%	The highest chroma among red series with a little yellowish, nomal opacity.
TSM15 Brownish Red	0-100%	Yellowish, recommended for matching gray red color.
TSM22 Orange	0-100%	Strong yellowish in orange colors, recommended for matching red series colors.
TSM31 Yellow	0-100%	Reddish yellow.
TSM32 Med. Yellow	0-100%	A little reddish yellow, normal chroma.
TSM33 Khaki	0-100%	Low chroma, high hiding power.
TSM36 Lemon Yellow	0-100%	Greenish yellow shade, normal opacity.
TSM37 Intense Yellow	0-80%	Greenish yellow, high chroma, low opacity.
TSM42 Transparent Green	0-100%	Yellowish green shade, high chroma.
TSM43 Permanent Green	0-100%	Bluish green shade, high chroma.
TSM51 Brilliant Blue	0-100%	Greenish blue shade, high chroma.
TSM52 Permanent Blue	0-100%	Standard blue, darker and more reddish than brilliant blue.
TSM55 Reddish Blue	0-100%	Slight purple blue.
TSM60 Purple	0-100%	Reddish purple, high concentration.
TSM81 Special Black	0-100%	For black top coat only. Bluish, high concentration.
TSM82 Black	0-30%	For mising light colors, low concentration.
TSM85 Pure Black	0-100%	The deepest black, bluish, high concentration,suitable for whole car application.
TSM73 Transparent Additive	0-50%	Colorlness transpaetent resin. Overuse will reduce opacity.
TSM74 Delustering Agent	0-100%	To reduce the lustrousness.













Attention :

1. Do not mix with base coat.
2. No needed of 2K clear coat when mixing with 2K 2:1 hardener.



TJM/TYM/TPM series 1K Base coat toners











Advanced 1K Solvent basecoat. Strong coverage and color performance.

	Appearance	Liquid with various colors, No impurities and turbidity	Substrate	Primer sand by p400~p600, wet on wet primer until matte, Prepared original old paint film
	Density	/	Next Process	Mariposa 2K Clear Coat
	VOC	≤770g/L	Shelf Life Unopened	24 months
	Mixing Ratio Weight	1:0.6~0.8	Mixing Ratio Volume	1:0.6~0.8
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.4-1.6mm, Air inlet: 1.2-1.4bar Gravity gun: 1.3-1.5mm, Air inlet: 1.0-1.2bar (suggested)		
	Pot Life after mixed	6 hours	Filter	120-150Mesh
	Storage after mixed	1 week	Application Viscosity	16-18"/DIN 4mm/20°C
	Recoat Open Window	Within 24 hours, Sanding is not needed		
	1K solid colors	2-3 Layers(10~30μm)	Matellic and Pearls	2-3 Layers(10~30μm)
	1st Layer:	Mid-wet Coat	1st Layer:	Mid-wet Coat
	2nd Layer:	Wet Coat	2~3 Layer:	Wet Coat
	3rd Layer:	Wet Coat	Effect coat:	Mist Coat
	Drying Method	Flash off between coats	Flash off before clear Coat	Gloss after drying, 60°
	Air Dry at 20°C/70°F (Panel temperature)	5~10 mins	Until Matte (10~15 mins)	/
		Temperature and humidity will affect drying speed.	If <10°C/50°F, warm up spray booth to 20°C/70°F	
	Cleaning of Substrate	Sand the repaired area correctly and then clean it. If the substrate is wet-on-wet primer, no sanding is required.		
	Trouble Shooting	If there are any small damage or defect found after base coat dry, such as perspiration spots, dust impregnation, fish eye/Craters, second repair is needed. Wait 20~30 mins before sand base coat. Lightly sand the damaged area with #P600 grid disk, clean sanding dust before re-spray. If damaged area is too big, suggest to redo this job.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. The toners must be thoroughly stirred before mixing. Matellics will have different color shades due to different film thickness and different spraying methods.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
		Paint mixing, spraying, and waste disposal must comply with local laws and regulations		
	Only for professional use.			



TSM series 2K toners












Advanced 2K Single Stage Colors. Strong coverage and High Gloss.

	Appearance	Liquid with various colors, No impurities and turbidity	Substrate	Primer sand by p400~p600, wet on wet primer until matte, Prepared original old paint film
	Density	/	Next Process	Polishing if needed
	VOC	≤580g/L	Shelf Life Unopened	24 months
	Mixing Ratio Weight	2:1:0.2~0.6	Mixing Ratio Volume	2:1:0.2~0.6
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	THM03	THM02	THM01
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.3-1.5mm, Air inlet: 1.5-2.0bar Gravity gun: 1.3-1.5mm, Air inlet: 1.5-2.0bar (suggested)		
	Pot Life after mixed	2 hours(20°C)	Filter	120-150Mesh
	Storage after mixed	2 hours(20°C)	Application Viscosity	16-18"/DIN 4mm/20°C
	Application Tips	2-3 Layers	Flash off between coats	5-8 mins
	1st Layer:	Med. Wet Coat	Flash off before baking	8-10 mins
	2nd Layer:	Wet Coat	Film Thickness	40~80μm
	3rd Layer:	Wet Coat	Recoat Open Window	Within 24 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Polish	Gloss after drying, 60°
	Force dry at 60°C/140°F (Panel temperature)	8~10 mins	30 mins After cooling down	>90°
	Air Dry at 23°C/75°F (Panel temperature)	15-20 mins	3-4Hours	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Polishing	Judging conditions: Finger touch method, pressing panel by finger without finger marks. Defect treatment: Use scraper, 1000/1500# sand paper to remove dirty spots or sagging. Polishing note: pay attention to Panel temperature, pressure, force, speed of polishing. Suggested polishing time: within 1-6 hours after panels dried.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.				
3. Drying instructions: When the film thickness is too high, the drying time will be extended.				
4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.				
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TQM27 HS Clear Coat 2:1












High Gloss, Deepness and Fullness.

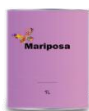
	Mixing Ratio Weight	2:1:0.1~0.4	Mixing Ratio Volume	2:1:0.1~0.4
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	THM21	THM22	THM23
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.3-1.5mm , Air inlet:1.5-2.0bar Gravity gun: 1.3-1.5mm , Air inlet:1.5-2.0bar (suggested)		
	Pot Life after mixed	2Hours	Filter	180-200Mesh
	Storage after mixed	2Hours	Application Viscosity	16-18" /DIN 4mm/20°C
	Application Tips	2-3 Layers	Flash off between coats	5-8 mins
	1st Layer:	Med. Wet Coat	Flash off before baking	8-10 mins
	2nd Layer:	Wet Coat	Film Thickness	40~80um
	3rd Layer:	Wet Coat	Recoat Open Window	Within 24 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Polish	Gloss after drying, 60°
	Force dry at 60°C/140°F (Panel temperature)	5-10 mins	35 mins	≥90 °
	Air Dry at 23°C/75°F (Panel temperature)	15-20 mins	4-6Hours	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Polishing	Judging conditions: Finger touch method, pressing panel by finger without finger marks. Defect treatment: Use scraper, 1000/1500# sand paper to remove dirty spots or sagging. Polishing note: pay attention to Panel temperature, pressure, force, speed of polishing. Suggested polishing time: within 1-6 hours after panels dried.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
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TQM18 2:1 standard clear

Productive 2K Clear Coat for most of repair works.

	Mixing Ratio Weight	2:1:0.1~0.4	Mixing Ratio Volume	2:1:0.1~0.4
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C,60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	THM19F	THM19	THM19S
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.3-1.5mm, Air inlet:1.5-2.0bar Gravity gun: 1.3-1.5mm, Air inlet:1.5-2.0bar (suggested)		
	Pot Life after mixed	2Hours	Filter	180-200Mesh
	Storage after mixed	2Hours	Application Viscosity	16-18" /DIN 4mm/20°C
	Application Tips	2-3 Layers	Flash off between coats	5-8 mins
	1st Layer:	Med. Wet Coat	Flash off before baking	8-10 mins
	2nd Layer:	Wet Coat	Film Thickness	40~80um
	3rd Layer:	Wet Coat	Recoat Open Window	Within 24 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Polish	Gloss after drying, 60°
	Force dry at 60°C/140°F (Panel temperature)	5-10 mins	45 mins	≥90 °
	Air Dry at 23°C/75°F (Panel temperature)	15-20 mins	4-6Hours	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Polishing	Judging conditions: Finger touch method, pressing panel by finger without finger marks. Defect treatment: Use scraper, 1000/1500# sand paper to remove dirty spots or sagging. Polishing note: pay attention to Panel temperature, pressure, force, speed of polishing. Suggested polishing time: within 1-6 hours after panels dried.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
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MCM166 Matt Clear Coat

2K Matt Clear Coat. For repair different matt level car surface.



Appearance	Translucent Liquid No impurities, turbidity	Substrate	Mariposa BaseCoat 2K top coat after sand by #1000 sand paper.
Density	0.98~1.02	Next Process	/
VOC	≤630g/L	Shelf Life Unopened	24 months



Mixing Ratio Weight	3:1:0.6~0.8	Mixing Ratio Volume	3:1:0.6~0.8
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Glossiness(°) ∠60° gloss±5°	15°	25°	35°	45°	60°	75°	90°
TQM27/TQM18	/	10	30	50	70	90	100
MCM166	100	90	70	50	30	10	/



Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
Hardener	THM03	THM02	THM01
Reducer	TXM33	TXM32	TXM31



Spray Gun Set Up	Suction gun: 1.3-1.5mm, Air inlet:1.5-2.0bar Gravity gun: 1.3-1.5mm, Air inlet:1.5-2.0bar		
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Pot Life after mixed	2 Hours	Filter	180-200 Mesh
Storage after mixed	2 Hours	Application Viscosity	16-18"/DIN 4mm/20°C



Application Tips	1+2 Layers	Flash off between coats	Until matte
1st Layer:	Mid. Wet Coat (High gloss clear coat)	Flash off before baking	Until matte(15-20mins)
2nd Layer:	Mid.Wet Coat (Matte clear)	Film Thickness	40-80µm
3rd Layer:	Wet Coat (Matte clear)	Recoat Open Window	Within 24 hours, Sanding is not needed



Curing Method	Dust Free	Ready for Finishing	Gloss after drying, ∠60°
Force dry at 60°C/140°F (Panel temperature)	5-10 mins	35 mins	15°~90° According to mixing ratio with gloss clear coat
Air Dry at 23°C/75°F (Panel temperature)	15-20 mins	3-4Hours	



Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.
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Tips for Polishing	/
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












Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.
	2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.
	3. Drying instructions: When the film thickness is too high, the drying time will be extended.
	4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.
	Paint mixing, spraying, and waste disposal must comply with local laws and regulations
	Only for professional use.



TQM66 4:1 Fast Curing Clear Coat

Unique Technology, 4:1 fast curing clear coat. High hardness, no die back.

	Appearance	Transparent Liquid No impurities, turbidity	Substrate	Mariposa BaseCoat 2K top coat after sand by #1000 sand paper.
	Density	0.98	Next Process	Polishing if needed
	VOC	≤480g/L	Shelf Life Unopened	24 months
	Mixing Ratio Weight	4:1:0~0.4	Mixing Ratio Volume	4:1:0~0.4
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	THM77	THM77	THM77
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.3-1.5mm , Air inlet:1.5-2.0bar Gravity gun: 1.3-1.5mm , Air inlet:1.5-2.0bar (suggested)		
	Pot Life after mixed	30 mins	Filter	180-200Mesh
	Storage after mixed	30 mins	Application Viscosity	16-18" /DIN 4mm/20°C
	Application Tips	1-2 Layers	Flash off between coats	2-3 mins
	1st Layer:	Med. Wet Coat	Flash off before baking	3-5 mins
	2nd Layer:	Wet Coat	Film Thickness	30~60um
			Recoat Open Window	Within 8 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Polish	Gloss after drying
	Air Dry at 23°C/75°F (Panel temperature)	4-6 mins	30-50 mins	≥90 °
	Air Dry at 15°C/60°F (Panel temperature)	7-10 mins	50-65 mins	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Polishing	Judging conditions: Finger touch method, pressing panel by finger without finger marks. Defect treatment: Use scraper, 1000/1500# sand paper to remove dirty spots or sagging. Polishing note: pay attention to Panel temperature, pressure, force, speed of polishing. Suggested polishing time: within 1-6 hours after panels dried.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended. Can be recoated with itself at any stage. Sanding is needed after 12 hours.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
		Paint mixing, spraying, and waste disposal must comply with local laws and regulations		
	Only for professional use.			



MAM600 Wet on Wet Primer

2K wet on wet primer, efficient solution for new panel or minor damage.



Appearance	white grey color viscous liquid No impurities, turbidity	Substrate	E-coat, Epoxy Primer, Wash Primer, Plastic Primer or Body Filler
Density	1.5	Next Process	Base Coat or 2K Top Coat
VOC	≤560g/L	Shelf Life Unopened	12 months



Mixing	Mixing Ratio Weight	Mixing Ratio Volume	Application Viscosity
Wet on Wet application	4:1:2	3:1:2	16-18" /DIN 4mm/20°C
Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
Hardener	THM03/MAM21	THM02/MAM22	THM01/MAM22
Reducer	THM33	THM32	THM31



Spray Gun Set Up	Suction gun: 1.3-1.5mm, Air inlet:1.5-2.0bar Gravity gun: 1.3-1.5mm, Air inlet:1.5-2.0bar		
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Pot Life/storage after mixed	40 mins	Filter	120-150Mesh
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1-1.5 Layers(Wet on Wet)	1st layer: Mist Coat	Film thickness (Wet on Wet)	15~20um
	2nd layer: Med. Wet Coat	Flash off (Wet on Wet)	no flash off between coats, wait until matte before BC



Curing Method	Wet on Wet application		
Force dry at 60°C/140°F (Panel temperature)	/		
Air Dry at 23°C/75°F (Panel temperature)	Around 10 mins		



Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
Tips for wet on wet application	Wet on wet application needs a flat and smooth substrate. Usually for for new bumper or new car doors with E-coat, or scratch repair. Thicker layer is not suggested, if wet on wet primer is thicker than suggested, may cause pin holes or adhesion issues. for darker base coat, add no more than 10% TJM85 toner in to wet on wet primer before mix with hardener and reducer, to get mid~dark grey color primer.		



Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
	2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
	3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
	4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
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	Only for professional use.		



MPW01/MPG02/MPB03 Greyshade Surfacers

Ideal choice for saving base coat by different greyshade

Appearance	MPW01 White, MPG02 Grey, MPB03 Black No impurities, turbidity	Substrate	Bare Metal, E-coat, Epoxy Primer, Wash Primer, Plastic Primer or Body Filler
Density	MPW01 1.76, MPG02 1.75, MPB03 1.56	Next Process	Base Coat or 2K Top Coat
VOC	≤560g/L	Shelf Life Unopened	12 months



Mixing	Mixing Ratio Weight	Mixing Ratio Volume	Application Viscosity
Sand application	5:1:0~1	3:1:0~1	18-21" /DIN 4mm/20°C
Wet on Wet application	5:1:1~2	3:1:1~2	16-18" /DIN 4mm/20°C

Mixing Ratio Weight	Color	MPW01	MPG02
Greyshade 1	White	100	0
Greyshade 2	Light grey	85	15
Greyshade 3	Medium grey(IRS MPG02)	55	45
Greyshade 4	Dark grey	20	80
Greyshade 5	Black	0	100



Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
Hardener	THM03	THM02	THM01
Reducer	TXM33	TXM32	TXM31



Spray Gun Set Up	Suction gun: 1.5-1.7mm, Air inlet:1.5-2.0bar Gravity gun: 1.5-1.7mm, Air inlet:1.5-2.0bar
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Pot Life/storage after mixed	1Hours	Filter	80-100Mesh
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Application Tips (Sanding)	2-3 Layers	Flash off between coats	3-5 mins
1st Layer:	Mist Coat	Flash off before baking	5-8 mins
2nd Layer:	Mid. Wet Coat	Film Thickness	60~90um
3rd Layer:	Wet Coat	Recoat Open Window	Within 48 hours, Sanding is not needed
Application (Wet on Wet)	1st layer: Mist Coat	Flash off (Wet on Wet)	no flash off between coats, wait until matte before BC
	2nd layer: Med. Wet Coat	Film thickness (Wet on Wet)	15~20um



Curing Method	Dust Free	Ready for Sanding	Wet on Wet
Force dry at 60°C/140°F (Panel temperature)	3-5 mins	20 mins	/
Air Dry at 23°C/75°F (Panel temperature)	6 mins	2 hours (≤40um)	Until Matte(around 10 mins)



Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.
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Tips for Sanding	Sandpaper: P320/400/500/600 Grinding description: grinding starting with P320, then move to P400/P500 for solvent base coat. P500/P600 for waterborne base coat. clean well before next step. For wet sanding, use P800 or above. Suggest to use Carbon powder indicator to check the smoothness after sanding.
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Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.
	2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.
	3. Drying instructions: When the film thickness is too high, the drying time will be extended.
	4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.
	Paint mixing, spraying, and waste disposal must comply with local laws and regulations
Only for professional use.	



TDM31/E 2K primer

Cost effective universal 2K primer, good for most repair works.



Appearance	grey color, viscous liquid No impurities, turbidity	Substrate	Epoxy Primer, Wash Primer, Plastic Primer or Body Filler
Density	1.43	Next Process	Base Coat or 2K Top Coat
VOC	≤560g/L	Shelf Life Unopened	12 months



Mixing	Mixing Ratio Weight	Mixing Ratio Volume	Application Viscosity
Mixing Ratio Weight	4:1:1	3:1:1	18-21" /DIN 4mm/20°C
Wet on Wet application	4:1:2	3:1:2	16-18" /DIN 4mm/20°C
Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
Hardener	THM03/THM19F	THM02/THM19	THM01/THM19S
Reducer	TXM33	TXM32	TXM31



Spray Gun Set Up	Suction gun: 1.5-1.7mm, Air inlet:1.5-2.0bar Gravity gun: 1.5-1.7mm, Air inlet:1.5-2.0bar
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Pot Life after mixed	1Hours	Filter	80-100Mesh
Storage after mixed	1Hours	Application Viscosity	18-21" /DIN 4mm/20°C



Application Tips	2-3 Layers	Flash off between coats	3-5 mins
1st Layer:	Mist Coat	Flash off before baking	5-8 mins
2nd Layer:	Mid. Wet Coat	Film Thickness	60~90um
3rd Layer:	Wet Coat	Recoat Open Window	Within 48 hours, Sanding is not needed
Application (Wet on Wet)	1st layer: Mist Coat	Flash off (Wet on Wet)	no flash off between coats, wait until matte before BC
	2nd layer: Med. Wet Coat	Film thickness (Wet on Wet)	15~20um



Curing Method	Dust Free	Ready for Sanding	Wet on Wet
Force dry at 60°C/140°F (Panel temperature)	5-8 mins	40 mins Sand after cooling down	/
Air Dry at 23°C/75°F (Panel temperature)	10-15 mins	after 3~4 hours	Until Matte(around 10 mins)



Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.
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Tips for Sanding	Sandpaper: P320/400/500/600 Grinding description: grinding starting with P320, then move to P400/P500 for solvent base coat. P500/P600 for waterborne base coat. clean well before next step. For wet sanding, use P800 or above. Suggest to use Carbon powder indicator to check the smoothness after sanding.
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Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.
	2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.
	3. Drying instructions: When the film thickness is too high, the drying time will be extended.
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Only for professional use.	



TDM39 High Build HS Primer

DTM High Build Primer, popular solution for shaping and filling.

	Appearance	grey color, viscous liquid No impurities, turbidity	Substrate	Bare Metal < Φ20cm , E-coat, Epoxy Primer, Wash Primer, Plastic Primer or Body Filler
	Density	1.82	Next Process	Base Coat or 2K Top Coat
	VOC	≤560g/L	Shelf Life Unopened	12 months
	Mixing Ratio Weight	8:1:0.25~0.5	Mixing Ratio Volume	5:1:0.25~0.5
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	THM03	THM02	THM01
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.5-1.7mm, Air inlet:1.5-2.0bar Gravity gun: 1.5-1.7mm, Air inlet:1.5-2.0bar		
	Pot Life after mixed	4 hours	Filter	80-100Mesh
	Storage after mixed	4 hours	Application Viscosity	20-24" /DIN 4mm/20°C
	Application Tips	2-3 Layers	Flash off between coats	3-5 mins
	1st Layer:	Mist Coat	Flash off before baking	10-15 mins
	2nd Layer:	Mid. Wet Coat	Film Thickness	120~180um
	3rd Layer:	Wet Coat	Recoat Open Window	Within 48 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Sanding	
	Force dry at 60°C/140°F (Panel temperature)	10-15 mins	60-80 mins Sand after cooling down	
	Air Dry at 23°C/75°F (Panel temperature)	15-25 mins	4~5 hours	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Sanding	Sandpaper: P320/400/500/600 Grinding description: grinding starting with P320, then move to P400/P500 for solvent base coat. P500/P600 for waterborne base coat. clean well before next step. For wet sanding, use P800 or above. Suggest to use Carbon powder indicator to check the smoothness after sanding.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
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TDM40 High Build Primer Matte

DTM High Build Primer with Matte finishing, popular solution for shaping and filling.

	Mixing Ratio Weight	8:1:0.25~0.5	Mixing Ratio Volume	5:1:0.25~0.5
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	THM03	THM02	THM01
	Reducer	TXM33	TXM32	TXM31
	Spray Gun Set Up	Suction gun: 1.5-1.7mm, Air inlet:1.5-2.0bar Gravity gun: 1.5-1.7mm, Air inlet:1.5-2.0bar		
	Pot Life after mixed	4 hours	Filter	80-100Mesh
	Storage after mixed	4 hours	Application Viscosity	20-24" /DIN 4mm/20°C
	Application Tips	2-3 Layers	Flash off between coats	3-5 mins
	1st Layer:	Mist Coat	Flash off before baking	10-15 mins
	2nd Layer:	Mid. Wet Coat	Film Thickness	120~180um
	3rd Layer:	Wet Coat	Recoat Open Window	Within 48 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Sanding	
	Force dry at 60°C/140°F (Panel temperature)	10-15 mins	60-80 mins Sand after cooling down	
	Air Dry at 23°C/75°F (Panel temperature)	15-25 mins	4~5 hours	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Sanding	Sandpaper: P320/400/500/600 Grinding description: grinding starting with P320, then move to P400/P500 for solvent base coat. P500/P600 for waterborne base coat. clean well before next step. For wet sanding, use P800 or above. Suggest to use Carbon powder indicator to check the smoothness after sanding.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
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		Only for professional use.		



MD24 Wash Primer














1K Anti corrosion wash primer for bare metal.

	Appearance	grey color, viscous liquid No impurities, turbidity	Substrate	Bare metal
	Density	1~1.1	Next Process	Body Filler or Intermediate Primer
	VOC	≤580g/L	Shelf Life Unopened	12 months
	Mixing Ratio Weight	1:2±15%	Mixing Ratio Volume	1:1~1.2
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener			
	Reducer	MX74	MX74	MX74
	Spray Gun Set Up	Suction gun: 1.1-1.3mm, Air inlet:1.5-2.0bar Gravity gun: 1.1-1.3mm, Air inlet:1.5-2.0bar (suggested)		
	Pot Life after mixed	3~4Hours	Filter	120-150Mesh
	Storage after mixed	3~4Hours	Application Viscosity	13~15" /DIN 4mm/20°C
	Application Tips	1-2 Layers	Flash off between coats	/
	1st Layer:	Mist Coat	Flash off before baking	/
	2nd Layer:	Med. Wet Coat	Film Thickness	5~10um
			Recoat Open Window	Within 24 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for next step	
	Force dry at 60°C/140°F (Panel temperature)	/	3~5 mins	
	Air Dry at 23°C/75°F (Panel temperature)	/	5~10 mins	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Application note	Wash Primer is mainly for anti-corrosion purpose. With very limited filling power, after spray, 5-10mins flash off, then next process, do not need sanding.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
		Paint mixing, spraying, and waste disposal must comply with local laws and regulations		
		Only for professional use.		



TDM75 Plastic Primer

1K Plastic Primer, for automotive external plastic parts.

	Mixing Ratio Weight	Direct use after stir well	Mixing Ratio Volume	Direct use after stir well
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener			
	Reducer			
	Spray Gun Set Up	Suction gun: 1.3-1.5mm, Air inlet:1.5-2.0bar Gravity gun: 1.3-1.5mm, Air inlet:1.5-2.0bar		
	Pot Life	4 hours Shake well after 1 hour	Filter	120-150Mesh
	Storage	4 hours Shake well after 1 hour		
	Application Tips	1-2 Layers	Flash off between coats	3-5 mins
	1st Layer:	Mist Coat	Flash off before baking	/
	2nd Layer:	Med. Wet Coat	Film Thickness	5~15um
			Recoat Open Window	Within 24 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Sanding	
	Force dry at 60°C/140°F (Panel temperature)	/	/	
	Air Dry at 23°C/75°F (Panel temperature)	Wait 10-15 minutes to next process		
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Application note	Plastic Primer is mainly for improve adhesion between plastic and other paint layers. With very limited filling power, after spray, 10-15mins flash off, then next process, do not need sanding.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
		Paint mixing, spraying, and waste disposal must comply with local laws and regulations		
		Only for professional use.		



TDM41 Epoxy Primer

Designed for anti corrosion purpose. Apply on bare matel.

	Appearance	grey color, viscous liquid No impurities, turbidity	Substrate	Bare matel
	Density	1.4	Next Process	Body Filler or Intermediate Primer
	VOC	≤580g/L	Shelf Life Unopened	12 months
	Mixing Ratio Weight	5:1:1~1.5	Mixing Ratio Volume	4:1:1~1.5
	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	TDM43	TDM43	TDM43
	Reducer	TXM33/TXM44	TXM32/TXM44	TXM31/TXM44
	Spray Gun Set Up	Suction gun: 1.3-1.6mm, Air inlet:1.5-2.0bar Gravity gun: 1.3-1.6mm, Air inlet:1.5-2.0bar		
	Pot Life after mixed	2Hours	Filter	120-150Mesh
	Storage after mixed	2Hours	Application Viscosity	18-21" /DIN 4mm/20°C
	Application Tips	1-2 Layers	Flash off between coats	2-3 mins
	1st Layer:	Mist Coat	Flash off before baking	3-5 mins
	2nd Layer:	Med. Wet Coat	Film Thickness	30~60um
			Recoat Open Window	Within 72 hours, Sanding is not needed
	Curing Method	Dust Free	Ready for Sanding	
	Force dry at 60°C/140°F (Panel temperature)	5-8 mins	30 mins Sand after cooling down	
	Air Dry at 23°C/75°F (Panel temperature)	20-30 mins	4 hours	
	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Sanding	Sandpaper: P80/120/180/240/320 Grinding description: grinding starting with P80 or P120, then move to P180/P240 for 2K sand primer. P320 for wet on wet primer. clean well before next step. Suggest to use Carbon powder indicator to check the smoothness after sanding.		
	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. liquid coatings may react with water vapor in the air and become unusable. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
		Paint mixing, spraying, and waste disposal must comply with local laws and regulations		
		Only for professional use.		



MQJ622 Antistatic Agent



Product type	Designed for surface cleaning and anti static treatment of plastic parts.
Purpose	Remove the grease, release agent, lubricant and other contamination on plastic, avoiding static electricity, strengthen the adhesion.
Mixing ratio	No need to mix, ready for use
Cleaning guide	Spray plastic Cleanser to plastic part, and gently wipe with cleaning cloth.
Instructions	1. Be sure panel is completely dry before next step. 2. Parts with heavy static or soiled may need to be treated twice.
Safety	Strongly recommended to use appropriate personal protection during application to avoid respiratory, skin and eye irritation.
Package size	1L



TAM21 Fade-Out Reducer



Product type	Strong solvent to integrate new & old paint films at edge of repair work.
Purpose	To disable the rough edge of repair work, integrate new & old paint films together and recuring.
Mixing ratio	Ready mixed clearcoat : Fade-Out Reducer = 2:1 by weight or volume
Application	On the edge of repair work, spray 1 layer of mixture of clear coat and fade-out reducer, then100% fade out reducer to spray 2 mist coat.
Application Notes	Fade out reducer can not be used as a normal reducer.
Safety	Strongly recommended to use appropriate personal protection during application to avoid respiratory, skin and eye irritation.
Package size	1L



TAM22 Catalyst



Product type	Additive for the last step of finishing, like 2K clear coat and 2K color.
Purpose	Improve the speed of drying.
Mixing ratio	2K top coat : Fast dry Agent = 1:0.01~0.1 by weight before mixing with hardener and Reducer.
Application	After added fast dry agent, spray in the same way of standard 2K top coat application.
Application Notes	Stir well the mixture of 2K top coat and Fast dry Agent before spray. Add too much fast dry agent, may cause gloss lossing.
Safety	Strongly recommended to use appropriate personal protection during application to avoid respiratory, skin and eye irritation.
Package size	1L



TAM28 Degreaser



Product type	Multi Purpose Degreasing cleanser for refinish work.
Purpose	To remove the grease, release agent, lubricant and other contamination on substrate. TAM28S is slower than TAM28
Mixing ratio	No need to mix, ready for use
Cleaning guide	Spray degreaser to substrate, and gently wipe with cleaning cloth.
Instructions	1. Be sure panel is completely dry before next step. 2. Parts with heavy static or soiled may need to be treated twice.
Safety	Strongly recommended to use appropriate personal protection during application to avoid respiratory, skin and eye irritation.
Package size	1L 5L



TAM29 Fish-Eye Remover



Product type	Additive for the last step of finishing.
Purpose	Prevention for film defects, for example: fish-eye, pit and contraction cavity and so on because of poor spraying environment
Mixing ratio	Ready mixed 2K topcoat : Fish Eye Eliminator = 1:0.008~0.04 by weight
Application	After added Eliminator, the first layer of clear coat must be mist coat, and other layers same with standard clear coat or 2K color application.
Application Notes	Stir well the mixture of 2K Top coat and Eliminator before spray.
Safety	Strongly recommended to use appropriate personal protection during application to avoid respiratory, skin and eye irritation.
Package size	1L



TSM74 Gloss Reducer



Product type	Additive for the last step of finishing, like 2K clear coat and 2K color.
Purpose	Reduce the gloss level and match the gloss level of target panel.
Mixing ratio before mix hardener/reducer	2K Clear coat/2K color : Gloss reducer 1: 0- 65% by weight
Application	After added gloss reducer, spray in the same way of standard 2K top coat application.
Application Notes	<p>1, Stir well the mixture of 2K top coat and gloss reducer before spray. After mixed, and stock for more than 15mins before spray, need to shake or stir again to ensure performance.</p> <p>2, Will reduce coverage after added to 2K color.</p> <p>3, Leave enough flash off time between layers and before baking to avoid uneven gloss or highlight spot issues.</p> <p>4, the gloss level reduced will be effect by difference of original gloss of 2K top coat, thickness of spray layers and drying speed. slower hardener, slower reducer, longer flash off time and lower baking temperature will get better gloss reducing performance.</p>
Safety	Strongly recommended to use appropriate personal protection during application to avoid respiratory, skin and eye irritation.
Package size	1L / 3.5L



YK-4/YK-2 Body Filler

unsaturated polyester body filler. Universal use.

Appearance	Light yellow viscous paste	Substrate	E-coat, Epoxy Primer, Wash Primer
Density	1.79	Next Process	Intermediate Primer
VOC	<550g/L	Shelf Life Unopened	12 months

	Mixing Ratio Weight	Puty:Hardener 1:1%~3%	Mixing Ratio Volume	/
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	Application Temperature	5°C~15°C, 40°F~60°F	15°C~25°C, 60°F~80°F	25°C~35°C, 80°F~95°F
	Hardener	2%~3%	2%	1~2%

Notes about mixing hardeners.	1, Add > 3% or <1% hardener, will reduce the adhesion and bad curing condition. 2, To apply thick layer of body filler on panels, need to reduce the hardener amount.		
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	Pot Life after mixed	3~5 mins	Heat Resistant	<100°C After cured
	Storage after mixed	3~5 mins		

1st Layer:	Blade coating a thin layer to the damaged area	Flash off between coats	/
2nd Layer:	Apply to the edges of the damaged area	Flash off before baking	/
3rd Layer:	Repeat the blade in center of damage area	Film Thickness	as per needed
4th Layer:	Then thin layer to cover the whole damage area	Recoat Open Window	/

	Curing Method	Dust Free	Ready for Sanding	
	Force dry at 60°C/140°F (Panel temperature)	2~3 mins	10 mins	
	Air Dry at 23°C/75°F (Panel temperature)	5-10 mins	15~30 mins	

	Cleaning of Substrate	If substrate polluted by dust/grease, use TAM28 Degreaser to gently wipe with cleaning cloth.		
	Tips for Sanding	Sandpaper: P80/120/180/240/320 Grinding description: grinding starting with P80 or P120, then move to P180/P240 for 2K sanding primer. additional P320 for wet on wet primer. clean well before next step. Suggest to use Carbon powder indicator to check the smoothness after sanding.		

	Safety notes: read carefully before use	1. Please wear personal protections during use and avoid direct contact with the skin and inhalation of paint, curing agents, and diluents. If accidentally inhaled into the body, please seek medical attention promptly.		
		2. Body filler is easy to get dry. After opening the lid and using, it is necessary to seal it in a timely manner and store it in a cool place. Please clean the painting tools before and after use in a timely manner.		
		3. Drying instructions: When the film thickness is too high, the drying time will be extended.		
		4. This information is developed based on laboratory environment and testing data, and is for reference only; If you have any questions, please contact our technician.		
		Paint mixing, spraying, and waste disposal must comply with local laws and regulations		
		Only for professional use.		



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