AUTOFINISH

AUTOFINISH

Automobile Paint in
Everyday Life

ENGLISH

KCC PAINT

AUTOFINISH

KCC AUTOMOTIVE REFINISH PAINT CATALOGUE EN

www.kccrefinish.com

Check out
more
information

Contents

Notice to Customers

The information provided in this catalog is based on our internal test results and may vary depending on the usage environment and conditions. Please note that the contents are subject to change without prior notice. Additionally, before using the product, be sure to review the MSDS and Datasheet for detailed safety and technical information.

KCC
AUTO REFINISH

KCC believes in a future in which everyone
can lead a happy, healthy and full life

01

COMPANY OVERVIEW

TECHNOLOGY FOR
A BETTER LIFE

KCC

An unparalleled company
equipped with the
world’s top level of eco-
friendly management and
technological prowess

COMPANY OVERVIEW

CORPORATE VISION & PHILOSOPHY

Date of Foundation	August 12, 1958
Chairman	Mong-Jin Chung, Chairman/Co-CEO Jae-Hun Jung, CEO/President
Headquarters	344, Sapyeong-daero, Seocho-gu, Seoul
Website	www.kccworld.co.kr

Global management vision

Starting with the acquisition of the US silicone manufacturer the Momentive Performance Materials in 2020, we built our global production, sales, and R&D network in 12 countries including the US, Germany, India, and Japan.

Eco-friendly Management

We make our products with natural materials including rocks and sand as a business with the largest number of eco-friendly certificates. We make a sustainable future with our customers by installing CO2 reduction facilities and introducing a burn system emitting less gas and consuming less fuel.

Convergence Technology

Our Central Research Institute (CRI), a cradle of the future technology development, has been equipped with the world's leading infrastructure including the state-of-the art labs and pilot equipment. We developed convergence technology where inorganic and organic technology is converged and secured ultra-fine chemistry technology in the Institute. We have also accelerated our efforts in technological innovation in the overseas markets by building a research center in China.

MAIN HISTORY

1958 Founded Keumkang Slate Ind. Co., Ltd.

1974 Founded Korea Chemical Co., Ltd. (KCC)

1976 Keumkang Slate Ind. Co., Ltd. was renamed to Keumkang Limited

1989 Founded Keumkang Engineering and Construction Co., Ltd. (KCC E&C) and Keumkang Leisure Co., Ltd. as affiliates

2000 Keumkang Limited and KCC were merged and renamed to Keumkang KCC Co., Ltd.Founded Korea Auto Glass Co. (KAC) as an affiliate

2005 Keumkang KCC Co., Ltd. was renamed to KCC Corporation

2011 Acquired Basildon, the British silicone product manufacturer

2015 Merged with KCC Mineral Resources Corporation (KMR)

2018 Signed a merger agreement with U.S.-based global silicone manufacturer Momentive

2020 SUPRO ranked No. 1 for eco-friendly paint brand by K-BPI Anti-fouling/anti-corrosive coatings for marine applications and ceramic for vacuum interrupters were selected World-Class Products of Korea for 12 consecutive years

2023 Sold shares of its silicone subsidiary to Momentive and integrated the silicone business

BUSINESS

AUTOMOBILE

Completing Automobile's Elegant Appearance and luxurious car interior.

The outer appearance of a car is an important factor. It is directly exposed to the external environment. KCC's various products play an important role in determining the quality of a car. KCC's diverse products are applied to such numerous different automotive parts to increase their functions and a big role in creating a luxurious atmosphere.

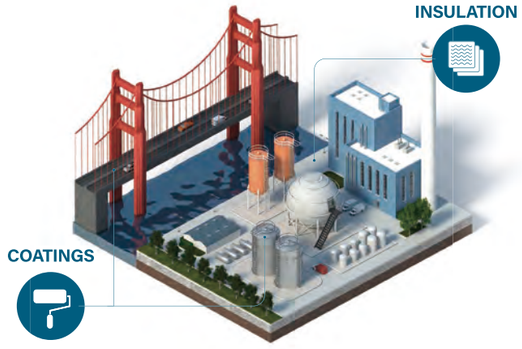
• COATINGS	Powder, General Industrial, Automotive, Plastic
• MATERIALS	Inorganic, Fiberglass
• ADHESIVE	DGU

PLANT

Protecting Plant Equipment from Extreme Corrosive Environment.

KCC paint for the Plant Market helps prevent distortion and corrosion of nuclear power plant equipment and steel bridges, maintaining the best condition for decades. Moreover, fire-proof paint protects steel structural frame from fire and prevents fire-spreading.

• COATINGS	Plant, Powder
• INSULATION	Cerak Wool, Mineral Wool

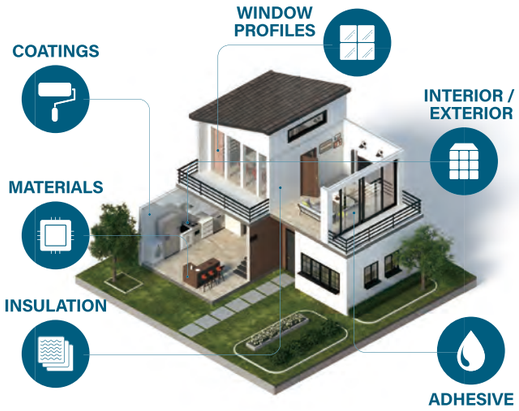


CONSTRUCTION

Creating an Eco-friendly and Luxurious Interior.

The recent trend in construction materials is the advancement of materials focused on nature friendliness and stylish design. Let's take a closer look at KCC construction products that not only improve performance of buildings, but also boast harmlessness to users' health with a luxurious appearance.

• COATINGS	Decorative, Powder, General Industrial, PCM
• MATERIALS	Fiberglass
• INSULATION	Glass Wool, Mineral Wool
• WINDOW PROFILES	PVC, Solar Power
• INTERIOR / EXTERIOR	Gypsum Boards, Gypsum TEX, Mitone, Beauticle
• ADHESIVE	Gypsum Glue

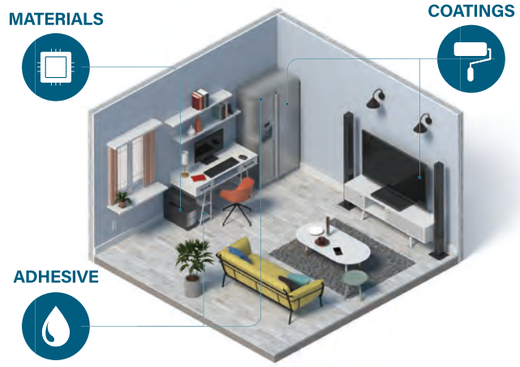


ELECTRONICS / HOME APPLIANCES

Raising the quality of home appliances and electronic materials with KCC.

KCC's technical skills can be felt throughout every inch of the house, and even places that are not visible to the eye. The refrigerator with a scratch preventive surface, the washing machine parts that can withhold rough vibration and the iron and vacuum's smooth exterior are all thanks to KCC products.

• COATINGS	Powder, General Industrial, PCM, Plastic
• MATERIALS	Organic, Inorganic, Fiberglass
• ADHESIVE	Film(DAF), DAP

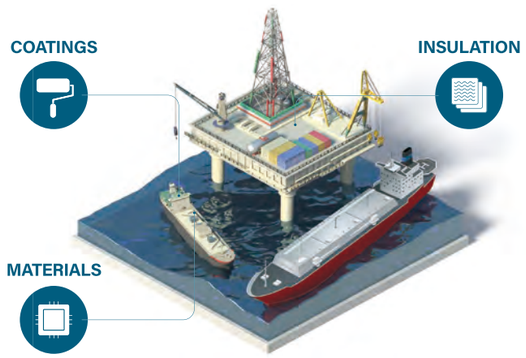


SHIPS / MARINE PLANT

Becoming the Backbone of the Marine Industry.

KCC's products can also be seen out in the ocean as well. There are many products from anti-fouling coatings that reduce fuel cost by lowering the frictional resistance of water to insulation materials that prevent spread of fires on ships that sail the open sea.

• COATINGS	Marine
• MATERIALS	Fiberglass
• INSULATION	Cerak Wool, Mineral Wool, Glass Wool

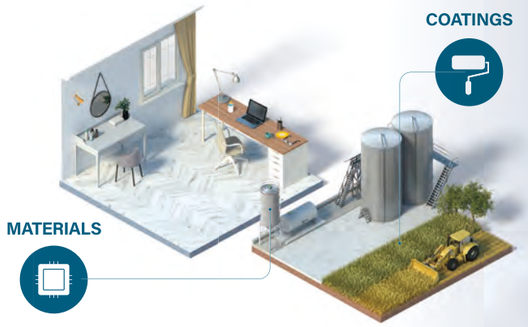


OTHER

KCC's technology Raising the Durability of Mechanical Equipment, KCC Silicone in the Midst of Everyday life.

There is a wide range of KCC products that can be found at industrial sites from paints to inorganic insulation materials. KCC silicone can be found in various household products that touch our lives every day.

• COATINGS	Powder, General Industrial
• MATERIALS	Fiberglass



02

PRODUCTS

BAROMATCH

SUMIX

COLOR-NAVI

COLOR-NAVI Plus

We restore the beauty of your new car.
KCC Refinish Coating provides the ultimate solution for workers to experience the beauty of a new car.
We offer professional-level repairs made easy, while continuously researching and developing for user convenience and top quality.

BAROMATCH

CREATING BETTER VALUE FOR ALL

The BAROMATCH color mixing system has been researched and developed for easy use in various working environments. It is a solvent-based paint system that allows direct on-site measurement and mixing of various automotive colors using resin and formulas for painting.

Outstanding Performance

Provides excellent appearance quality with vibrant colors, high color accuracy, and superior coverage.

Economy

Reduces inventory burden and prevents leftover paint waste through ready-mixed paint for the increasing variety of automotive colors.

Productivity

Improved productivity due to shortened supply times

User Convenience

Easy to use with a wide range of color formulations and CCM, along with comprehensive customer support.

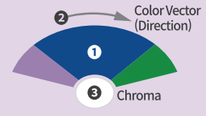
BAROMATCH Line Up

Binder (4ea)	KB10 - Binder for Basecoat KB10U - Urethane Binder (2:1 type) KB10N - Urethane Binder (3:1 type)		KB10Q (LV) - Urethane Binder (10:1 type)	
	COLOR TYPE	**NOTE**	**COLOR TYPE**	**NOTE**
Toner (87ea)	WHITE: KM100~KM102 BLUE: KM200~KM206 GREEN: KM300~KM302 YELLOW: KM400~KM412 ORANGE: KM502	WHITE: 3ea BLUE: 7ea GREEN: 3ea YELLOW: 11ea ORANGE: 1ea	VIOLET: KM600 RED: KM601~KM616 BLACK: KM700~KM702 METALLIC: KM800~KM816 PEARL: KM900~KM929	VIOLET: 1ea RED: 16ea BLACK: 3ea METALLIC: 13ea PEARL: 29ea
Additive (3ea)	CA221 - 2:1, 3:1 Hardener CA101 - 10:1 Hardener		KA69F - Flip/Flop Agent	

Toner Guide

High-Light angle (Front-view) Color Info

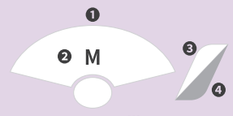
❶ Color Group
❷ Color Vector(Direction)
ex. Blue with green(Greenish Blue)
❸ Chroma
ex. White / Grey / Black-Circle : High/Medium/Low-Chroma



Front

High-Light angle (Front-view) Color Info

❶ Color Group
ex. Metallic → Grey / Pearl → Indicate by color (Green pearl, Red Pearl, etc)
❷ Particle Size
ex. S(Small) / M(Medium) / L(Large)



Metallic

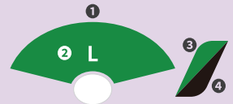
Shade-angle (Side-view) Color Info

❹ Side-Color Vector(Direction)
❺ Lightness of Side
ex. White / Grey / Black : Light / Medium / Dark

Side

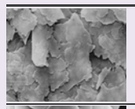
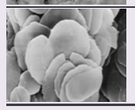
Shade-angle (Side -view) Color Info

❸ Side-Color
ex. Metallic-No Color / Pearl-Indicate color at the side of the pearl
❹ Lightness of Side
ex. White / Grey / Black : Light / Medium / Dark



Pearl

Shapes of Metallic Pigment Particles

Shape		Properties
	**Corn flake**	1) Low particle density per unit area (fewer particles) 2) Darker from the front and brighter from the side compared to silver dollar shape 3) KM800, 801, 802, 803, 804, 805, 806, 807, 808, 809
	**Silver dollar**	1) High particle density per unit area (more particles) 2) Brighter from the front and darker from the side compared to cornflake shape 3) KM810, 814, 816

SUMIX

PERFECT COLORS CREATED FROM WATER

The SUMIX color mixing system has been researched and developed for ease of use in various working environments. It is a waterborne paint system that allows direct on-site measurement and mixing of various automotive colors using resins and formulas for painting.

HYUNDAI Certificate of Supply

Outstanding Performance

Provides excellent appearance quality with vibrant colors, high color accuracy, and superior coverage.

Economy

As automotive colors diversify, the inventory burden of Ready Mixed Paint increases, but this burden can be reduced. Also, superior hiding power allows for reduced paint consumption, and less base material is needed, resulting in material savings.

Extensive Experience

First to develop a waterborne system in South Korea, providing excellent service through diverse customer experiences, including Hyundai Motor Company.

User Convenience

Easy to use with a wide range of color formulations and CCM, along with comprehensive customer support.

SUMIX Line Up

Binder (2ea)	K9001 - Binder for Basecoat K9002 - Binder for Solid Color (Wet on Wet type)			
	COLOR TYPE	**NOTE**	**COLOR TYPE**	**NOTE**
Toner (80ea)	WHITE: K100~K102 BLUE: K200~K205 GREEN: K300~K302 YELLOW: K400~K409 ORANGE: K500	WHITE: 3ea BLUE: 5ea GREEN: 3ea YELLOW: 9ea ORANGE: 1ea	VIOLET: K600 RED: K601~K616 BLACK: K700~K703 METALLIC: K800~K816 PEARL: K900 ~K990	VIOLET: 1ea RED: 13ea BLACK: 4ea METALLIC: 12ea PEARL: 29ea
Additive (6ea)	K040: Waterborne Reducer K050: Waterborne Cleaner K060: Flip Flop Control Agent ※ Mix Ratio – Paint : K040 = 100 : 10-20%		K070: Waterborne Degreaser K090: Blending Clear / Reducer for slow drying SUMIX HARDENER: Waterborne Hardener	

Spray Guide

1) Solid Color(15-20μm) - WET > WET

- Intermediate dry: Use Air Jet for each stage
- Final dry: Air Jet or heat-dry (60°C x 5 min)

※ White Range Colors: Finish with 2 coats when Prime Non-sanding Surfacer is applied (Improves hiding power and shortens drying time)

2) Metallic Color(15-20μm) - WET > WET > MIST

- Intermediate dry: Use Air Jet for each stage
- Final dry: Air Jet

※ MIST: 20-30% of the WET coat

Spray Gun		Setting	
Brand	**Model**	**Pressure**	**Paint Flow Knob**
SATA	jet 3000 B HVLP (WSB)	1.6 ± 0.1 bar	2 turns
	jet 4000 B HVLP (WSB)	1.6 ± 0.1 bar	2 turns
	jet 5000 B HVLP (WSB)	1.6 ± 0.1 bar	1¾ turns
	jet 5000 B RP 1.2W	1.6 ± 0.1 bar	1¾ turns
	jet 5500 B RP 1.2 I	1.6 ± 0.1 bar	1¾ turns
	jet 5500 B RP 1.3 I	1.6 ± 0.1 bar	1.5 turns
	jet 5500 B HVLP 1.3 I	1.6 ± 0.1 bar	1¾ turns
IWATA	KIWAMI4-V13WB2	1.6 bar	3-3.5 turns
	SUPERNOVA WS-400-OBS.1	1.6 bar	3-3.5 turns
	SUPERNOVA LS-400-1406	1.6 bar	3.5 turns
WALCOM	CARBONIO 360 HTE (1.2)	1.6 bar	2.5 turns
		1.8 bar	3 turns

COLOR-NAVI

COLOR-NAVI Plus

NEW

COLOR-NAVI Plus

Now with added particle measurement for even more precise color matching!

COLOR-NAVI

Refinish Paints Computer Color Matching system

- Easier and More Convenient Color Matching
- Custom Color Creation
- Color Matching Through Advanced AI Features
- Improved convenience for metallic/pearl color matching
- Powerful AI color matching and correction capabilities
- Online Color Matching Support

Refinish Paints Computer Color Matching system

What is CCM (Computer Color Matching System)?

It is different from the traditional simple formula search system (CCS). The SUMIX and BAROMATCH tinting data and mixing ratios for each color characteristic are stored in the COLOR-NAVI program. This system is highly accurate, using AI functions to automatically develop formulas that match user needs. Additionally, it incorporates a powerful simulation feature that can predict color variations in advance.

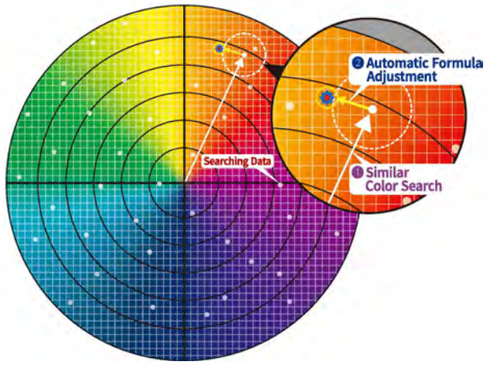
Common Issues in General Tinting Work

Significant matching differences occur depending on the speed of tinting.
Multiple repetitions are often required, leading to extended color matching time.
Lack of objectivity in matching judgment: influenced by individual skills and preferences (difficult to ensure objectivity in color judgment through visual assessment).

Advantages of Using CCM

1. Provides consistent matching regardless of the operator.
2. Reduces the number of repetitions and shortens color matching time.
3. Ensures objectivity by eliminating individual biases.
   (adds quantitative data judgment to traditional visual assessment).

What Makes KCC COLOR-NAVI Special



1. Powerful Features of KCC COLOR-NAVI

1) Adds an automatic color matching feature (formula development) to the existing CCS, providing next-generation color matching for even the most subtle shades.
2) Designed for beginners, intermediates, and experts, allowing anyone to easily develop accurate color formulas.
3) Features a sleek design with an LED lamp, providing stable color measurement.

2. General CCS

1) Limited to simple similar color searches, unable to create formulas for subtle shades.
2) Inconvenient for users as they need to manually adjust color formulas when the matching accuracy is low.
3) Features a sleek design with an LED lamp, providing stable color measurement.

KCC COLOR-NAVI Components ※ PC and scale not included

Portable Spectrophotometer

- Device connection via USB
- USB-C Type (Li-ion battery)
- Touchscreen capability
- Convenient for portability

Minimum PC Requirements

- CPU: Intel®Core™i5-10500 (3.10GHz) or higher
- RAM: 8GB+
- Storage: 256GB SSD + 126GB backup
- OS: Windows 7, 8, 10, 11

COLOR-NAVI S/W

- Similar Color Search
- Automatic Color Mixing (Metallic, Solid)
- RM Color Matching
- Pearl Color Matching

Electronic Scale

- Measurement in 0.01g Units

The Simple and Accurate Color Mixing Flow of KCC COLOR-NAVI

Measure the color of the target vehicle or sample using a spectrophotometer.

Compare colors by measuring the sample color book or color chips provided by KCC.

Use stored color (KCC formula or custom formula) and automatically adjust color with the COLOR-NAVI S/W.

Check the KCC COLOR-NAVI recommended formula and confirm the color with a spray-out test.

Paint the vehicle after verifying excellent color matching accuracy.

Vehicle release

Improved convenience for metallic/pearl color matching | Powerful AI color matching and correction capabilities | Online Color Matching Support

COLOR-NAVI Plus

CCM with Advanced AI and Particle Measurement Capability KCC COLOR-NAVI PLUS

1. More Precise Color Matching with Particle Measurement Functionality

1) Particle measurement angles: 15°, 45°
2) Ability to select color formulas with similar particles

2. Online Color Matching Support

1) Color Matching requests through the KCC Refinish website
2) Transfer color/particle measurement data via COLOR-NAVI PLUS

COLOR-NAVI PLUS Specifications

- LED — White power LED
- Color Calibration White : Monthly Metallic Green : Weekly
- Touchscreen Li-ion Battery + USB-C Charging

PAINTS & COATINGS

PRODUCT LINE UP

MIXING RATIO | PREMIUM | ECOFRIENDLY | FUNCTIONAL

MIXING SYSTEM

P
BAROMATCH
Solvent-borne

P E
SUMIX
Water-borne

BASECOAT / TOPCOAT

2:1 P
PRIMECOAT
Urethane Topcoat

3:1
UT5031
Urethane Topcoat

10:1
UT545
Urethane Topcoat

1K
UT5901
Solvent Borne
Basecoat

1K P E
WT5000
Water Borne
Basecoat

CLEARCOAT

2:1 P
7500 HS CLEAR
VHS Clearcoat

2:1 P E
210 HS CLEAR
2.1 VOC High Solid

2:1 E
210 LV CLEAR
2.1 VOC Universal
Clearcoat

4:1 E
410 LV CLEAR
2.1 VOC Universal
Clearcoat

2:1 P
(A)5200 HS CLEAR
High Solid

3:1 P
(A)5300 HS CLEAR
High Solid

3:1 P E
5300 HS CLEAR(GREEN)
High Solid
Ecofriendly

2:1 P
PRIME PLUS CLEAR
Premium
Medium Solid

2:1 P F
6143 QHS CLEAR
Low Temperature
Fast Drying

2:1 P F
EV QHS CLEAR
Low Temperature
Fast Drying

2:1 F
(A)6020 CLEAR
Universal Fast Drying

3:1 F
315 CLEAR
Universal Fast Drying

2:1
(A)MULTI PLUS
Universal Clearcoat

2:1 E
MULTIPLUS (GREEN)
Medium Solid
Ecofriendly

2:1
720 MS CLEAR
Universal Clearcoat

2:1
(A)UT5750-A-9000(LV)
Universal Clearcoat

2:1
UT5770-A-9000
Universal Clearcoat

4:1
(A)SENSE LV CLEAR
Universal Clearcoat

10:1
5100 LV PLUS
Universal Clearcoat

2:1 P F
7000F CLEAR
Premium Matt
Clearcoat

4:1 F
5000F LV CLEAR
Universal Matt
Clearcoat

PRIMER / SURFACER

2K P
PRIME SURFACER
Non-yellowing
Surfacer

2K P F
PRIME NONSANDING SURFACER
Non-Sanding

2K P E
US4000
2.1 VOC Sanding

2K P E F
US6000
2.1 VOC
Non-Sanding

2K
UU3000

1K P
PRIME2000

1K P F
PRIME 1K NONSANDING SURFACER
Non-Sanding

1K
UU2000

1K P E
WS2000
Water-borne
Surfacer

1K P
RP5000-WHITE,GREY
Plastic Primer

1K
RP3000-S/C
Plastic Primer

1K P E
RP540C
5.4 VOC Plastic Primer

FILLER(PUTTY)

P E
PRIME ULTRA LS PUTTY
Low-Styrene
Premium Filler

P
PRIME PUTTY
Universal Multi
Purpose Filler

P E
PRIME LS PUTTY
Low-Styrene
Universal Filler

P
PRIME POWER PUTTY
High-Build Filler

P E
SMART ULTRA PUTTY
Low-Styrene Iron
Filler

SMART PUTTY
2K Polyester
Light Filler

SUPER PLUS PUTTY
2K Polyester
Light Filler

PC280
2K Polyester Iron Filler

THINNER / REDUCER

P E
TH0600
Exempt Solvent
Reducer

P E
RE0045
LV Urethane Reducer

TH0045
Urethane Reducer

TH0035
Cleaning Thinner

ADDITIVE

SMART BLENDING THINNER
Blending Additive

F
ANTI STATIC DEGREASER

ZY0950
Degreaser

F
SUPER ANTI PINHOLE ADDITIVE

ZY0940
Anti-Pinhole
Additive

BASECOAT & TOPCOAT

PRIME COAT

2:1 | 3 COATS | 30 min 60°C/140°F

1) HS Type 2:1 Urethane Color Single Coat (RM: Ready Mixed)
2) Excellent build-up, gloss, and smoothness
3) Superior chemical resistance and weather resistance

PHYSICAL PROPERTIES

Size	Prime Coat: 2.66L (0.70 gal) Hardener: 1.34L (0.35 gal)
Solids content(%)	Approx. 42%
Specific Gravity	1.0 -1.2

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Reducer	TH0600(M): 15-25°C (59-77°F) TH0600(F): 25-35°C (77-95°F) TH0600(S): 35°C and above (95°F and above) ※ Can be mixed with up to 50% reducer (by volume)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm Suction Type 1.4-1.6mm (1.8~2.2 bar, HVLP: 0.8)
Total Thickness	35-45 ㎛
Number of Coats	3 coats
Flash off Time	5-6 min between coats
Working Temperature	20-28°C (68 ~ 82°F), humidity below 80%
Drying Time	60°C (140°F) x 30 min, touch dry 10 min 25°C (77°F) x 8 hr, pot life 20°C (68°F) x 2 hr

UT5031

3:1 | 3 COATS | 20 min 60°C/140°F

1) 3:1 Urethane Universal Color Single Coat (RM: Ready Mixed)
2) Excellent gloss and color retention
3) Superior workability, chemical resistance, and weather resistance

PHYSICAL PROPERTIES

Size	UT5031: 3L (0.79 gal) Hardener: 1L (0.26 gal)
Solids content(%)	Approx. 46%
Specific Gravity	1.0-1.2

APPLICATION

Mixing Ratio	3 : 1 ※ 35% reducer mixable(volume)
Hardener	UT5031-B
Reducer	TH0600(M): 15-25°C (59-77°F) TH0600(F): 25-35°C (77-95°F) TH0600(S): 35°C and above (95°F and above) ※ Can be mixed with up to 50% reducer (by volume)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm Suction type 1.4-1.6mm (1.8-2.2 bar, HVLP : 0.8)
Total Thickness	35-45 ㎛
Number of Coats	3 coats
Flash off Time	5-6 min between coats
Working Temperature	20-28°C (68-82°F), humidity below 80%
Drying Time	60°C (140°F) x 20 min, touch dry 10 min 25°C (77°F) x 8 hr, pot life 20°C (68°F) x 2 hr

UT545

10:1 | 3-4 COATS | 20 min 60°C/140°F

1) 10:1 Urethane Fast-Drying Color Single Coat (RM: Ready Mixed)
2) Excellent gloss and color retention
3) Superior workability, water resistance, and weather resistance

PHYSICAL PROPERTIES

Size	UT545: 3.64L (0.96 gal) Hardener: 0.36L (0.10 gal)
Solids content(%)	Approx. 40%
Specific Gravity	1.0-1.15

APPLICATION

Mixing Ratio	10 : 1 (volume)
Hardener	CA101
Reducer	TH0600(M): 15-25°C (59-77°F) TH0600(F): 25-35°C (77-95°F) TH0600(S): 35°C and above (95°F and above) ※ Can be mixed with up to 50% reducer (by volume)
Application Viscosity	13-15 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm Suction type 1.4-1.6mm (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	35-45 ㎛
Number of Coats	3-4 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F), humidity below 80%
Drying Time	60°C (140°F) x 20 min, touch dry 10 min 25°C (77°F) x 6 hr, pot life 20°C (68°F) x 4 hr

UT5901

100% | 3-4 COATS | 10 min 25°C/77°F

1) High-Quality 1K Solvent-Based Basecoat (RM: Ready Mixed)
2) Improves appearance by enhancing metallic uniformity and color clarity
3) Excellent adhesion with clear coat, storage stability, and workability

PHYSICAL PROPERTIES

Size	4L (1.05 gal)
Solids content(%)	Approx. 14%
Specific Gravity	0.95-0.99

APPLICATION

Mixing Ratio	Up to 100% Reducer mixable (by volume)
Hardener	TH0600(M): 15-25°C (59-77°F) TH0600(F): 25-35°C (77-95°F) TH0600(S): 35°C and above (95°F and above)
Application Viscosity	14-16 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm Suction type 1.4-1.6mm (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	15-25 ㎛
Number of Coats	3-4 coats
Flash off Time	Apply clear coat after the film is fully dried.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry 10min 25°C (77°F) x 10min

WT5000

100 : 10-20 | 2-3 COATS | 15-20 min 20°C/68°F

1) High-Quality 1K Waterborne Basecoat (RM : Ready Mixed)
2) Solid colors allow for 2-coat wet-on-wet application
3) Excellent drying and uniformity for superior workability and appearance

PHYSICAL PROPERTIES

Size	0.9L (0.24 gal)
Solids content(%)	Approx. 22-34% (Varies by color)
Specific Gravity	1.00-1.22 (Varies by color)

APPLICATION

Mixing Ratio	Metal: 15% Pearl: 10-15% White: 10-20% Other Solid: 15-20%
Reducer	K040 (Waterborne Reducer)
Spray Gun (Pressure)	Gravity type HVLP 1.2mm or WSB
Number of Coats	Metal: 3 coats / Pearl: 2 coats Black: 2 coats / White: 2-3 coats Apply an additional coat for colors with low coverage.
Flash off Time	Approx. 1min (Air blowing dry)
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 5 min touch dry 10 min 20°C (68°F) x 15-20 min (at 50% humidity)

7500 HS CLEAR

2:1 | 1.5-2 COATS | 40 min 60°C/140°F

1) Premium VHS(Very High Solid) 2:1 Clear Coat
2) Designed for high-end vehicles, offering excellent gloss, smoothness, and vertical surface appearance
3) High durability and weather resistance ensure long-lasting initial gloss
4) High solids content offers excellent build-up with minimal risk of sagging

PHYSICAL PROPERTIES

Size	7500 HS Clear: 5L (1.32 gal), 2L (0.53 gal) Hardener: 2.5L (0.66 gal), 1L (0.26 gal)
Solids content(%)	58% or more
Specific Gravity	0.98-1.03

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	7500 HS-B(M): 20-25°C (68-77°F) 7500 HS-B(S): 25-30°C (77-86°F) 7500 HS-B(F): 15-20°C (59-68°F)
Application Viscosity	19-23sec (Ford Cup #4 , 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4 (1.6-2.2 bar)
Total Thickness	50-60㎛
Number of Coats	1.5-2coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below75%
Drying Time	60°C (140°F) x 40 min

(A)5200 HS CLEAR

2:1 | 2-3 COATS | 35 min 60°C/140°F

1) Premium HS 2:1 Clear Coat
2) Excellent appearance with high gloss and smoothness, suitable for premium vehicles
3) High solids content provides excellent build-up

PHYSICAL PROPERTIES

Size	(A)5200 HS CLEAR: 2.66L (0.70 gal), 4L (1.05 gal) Hardener: 1.34L (0.35 gal), 2L (0.53 gal)
Solids content(%)	Approx. 52%
Specific Gravity	0.97-1.01

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	C.A520(M): 15-25°C (59-77°F) C.A520(S): 25-35°C (77-95°F) C.A520(F): 5-15°C (41-59°F)
Application Viscosity	16-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	50-60㎛
Number of Coats	2-3coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	Touch dry: 10 min 25°C (77°F) x 24hours 60°C (140°F) x 35 min

(A)5300 HS CLEAR

3:1 | 2-3 COATS | 30 min 60°C/140°F

1) Premium HS 3:1 Clear Coat
2) Fast drying among high solids clearcoats
3) High solids content provides excellent build-up

PHYSICAL PROPERTIES

Size	(A)5300 HS CLEAR: 3L (0.79 gal), 3.99L (1.05gal) Hardener: 1L (0.26 gal), 1.3L (0.34gal)
Solids content(%)	Approx. 52%
Specific Gravity	0.98-1.02

APPLICATION

Mixing Ratio	3 : 1 (volume)
Hardener	C.A530(M): 15-25°C (59-77°F) C.A530(S): 25-35°C (77-95°F) C.A530(F): 5-15°C (41-59°F)
Application Viscosity	16-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	50-60㎛
Number of Coats	2-3coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below80%
Drying Time	Touch dry: 10 min, 25°C (77°F) x 24 hours 60°C (140°F) x 30 min

6143 QHS CLEAR

2:1 | 2 COATS | 10 min 60°C/140°F | 30 min 40°C/104°F

1) Premium Ultra-Fast Drying HS 2:1 Clear Coat
2) High Performance product that can dry at 60°C (140°F) for 10 min or 40°C (104°F) for 30 min
3) Low-temperature curing product designed to protect electric vehicle batteries

PHYSICAL PROPERTIES

Size	6143 QHS Clear: 2. 66L (0.70 gal), 4L (1.05 gal) Hardener: 1.34L (0.35 gal), 2L (0.53 gal)
Solids content(%)	56% or more
Specific Gravity	1.03-1.07

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA-QHS(M): 15-25°C (59-77°F) CA-QHS(S): 25-35°C (77-95°F) CA-QHS (Anti-Pinhole): 35°C+(95°F+)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.6-2.0 bar)
Total Thickness	40-50㎛
Number of Coats	2coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below75%
Drying Time	60°C (140°F) x 10 min 40°C (104°F) x 30 min

EV QHS CLEAR

2:1 | 2 COATS | 10 min 60°C/140°F | 30 min 40°C/104°F

1) Low-Temperature Fast-Drying HS 2:1 Clear Coat for Electric Vehicles
2) High-performance product that can dry at 60°C (140°F) for 10 min or 40°C (104°F) for 30 min
3) Designed for low-temperature curing to protect electronic components such as EV batteries and autonomous vehicle sensors

PHYSICAL PROPERTIES

Size	EV QHS CLEAR: 2.66L (0.70 gal) Hardener: 1.34L (0.35 gal)
Solids content(%)	Approx. 56%
Specific Gravity	1.03-1.07

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA-QHS(M): 15-25°C (59-77°F) CA-QHS(S): 25-35°C (77-95°F) CA-QHS(Anti-Pinhole): 35°C+(95°F+)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.6-2.0 bar)
Total Thickness	40-50㎛
Number of Coats	2coats
Flash off Time	3-5 min between coats
Working Temperature	20-28°C (68-82°F) humidity below75%
Drying Time	60°C (140°F) x 10min 40°C (104°F) x 30 min

(A)6020 CLEAR

2:1 | 1.5-2 COATS | 20 min 60°C/140°F

1) Fast Drying MS 2:1 Clear Coat
2) Dries in 20 minutes at 60°C (140°F) with excellent gloss and smoothness

PHYSICAL PROPERTIES

Size	(A)6020 CLEAR: 4.73L(1¼ gal, 160 fl oz) Hardener: 2.366L (⅝ gal, 80 fl oz)
Solids content(%)	Approx. 46%
Specific Gravity	1.0-1.1

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	14-16 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	40-50㎛
Number of Coats	1.5-2coats
Flash off Time	3-5 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 20 min 25°C (77°F) x 6 hours

315 CLEAR

3:1 | 2 COATS | 15 min 60°C/140°F

1) Fast Drying MS 3:1 Clear Coat
2) Dries in 15 minutes at 60°C (140°F)
3) Excellent gloss, anti-pinhole properties, and smoothness

PHYSICAL PROPERTIES

Size	315 CLEAR: 2.4L(0.63 gal) Hardener: 0.8L (0.21 gal)
Solids content(%)	Approx. 44%
Specific Gravity	1.0-1.1

APPLICATION

Mixing Ratio	3 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	12-14 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	40-50㎛
Number of Coats	2 coats
Flash off Time	3-5 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 15 min 25°C (77°F) x 4hours

CLEARCOAT

PRIME PLUS CLEAR

2:1 | 2-3 COATS | 30 min 60°C/140°F

1) High Gloss MS 2:1 Clear Coat
2) Excellent build-up and gloss retention
3) Superior chemical resistance, durability, and weather resistance

PHYSICAL PROPERTIES

Size	Prime Plus Clear: 2.66L (0.70 gal) Hardener: 1.34L (0.35 gal)
Solids content(%)	Approx. 48%
Specific Gravity	0.99-1.03

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA-Primeplus(M): 15-25°C (59-77°F) CA-Primeplus(S): 25-35°C (77-95°F) CA-Primeplus(F): 5-15°C (41-59°F)
Application Viscosity	16-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP : 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 30 min 25°C (77°F) x 24 hours

720 MS CLEAR

2:1 | 2-3 COATS | 30 min 60°C/140°F

1) Universal MS 2:1 Clear Coat
2) Increased solids content compared to conventional MS Clear for improved build-up
3) Excellent workability with superior gloss retention and appearance

PHYSICAL PROPERTIES

Size	720 MS CLEAR: 2.66L (0.70 gal) Hardener: 1.34L (0.35 gal)
Solids content(%)	Approx. 47%
Specific Gravity	0.97-1.01

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP : 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 30 min 25°C (77°F) x 24 hours

(A)MULTI PLUS

2:1 | 2-3 COATS | 30 min 60°C/140°F

1) General Purpose MS 2:1 Clear Coat
2) Increased solids content compared to conventional MS Clear for improved build-up
3) Excellent workability with superior gloss retention and appearance

PHYSICAL PROPERTIES

Size	(A)MULTI PLUS: 2.66L (0.70 gal), 4L (1.05 gal) Hardener: 1.34L (0.35 gal), 2L (0.53 gal)
Solids content(%)	Approx. 45%
Specific Gravity	0.97-1.01

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	14-16 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 30 min 25°C (77°F) x 24 hours

(A)UT5750-A-9000(LV)

2:1 | 2-3 COATS | 30 min 60°C/140°F

1) Universal MS 2:1 Clear Coat
2) Excellent smoothness, providing superior workability and gloss retention
3) Outstanding durability and weather resistance

PHYSICAL PROPERTIES

Size	(A)UT5750-A-9000(LV): 2.66L (0.70 gal), 4L (1.05 gal) Hardener: 1.34L (0.35 gal), 2L (0.53 gal)
Solids content(%)	Approx. 44%
Specific Gravity	0.94-1.00

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	13-15 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (2-3 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 30 min 25°C (77°F) x 24 hours

(A)SENSE LV CLEAR

4:1 | 2-3 COATS | 20 min 60°C/140°F

1) Universal MS 4:1 Clear Coat
2) Excellent smoothness and durability
3) Superior pinhole resistance and gloss retention in hot weather conditions

PHYSICAL PROPERTIES

Size	(A)SENSE LV CLEAR: 3.2L (0.85 gal), 4L (1.05 gal) Hardener: 0.8L (0.21 gal), 1L (0.26 gal)
Solids content(%)	Approx. 44%
Specific Gravity	0.94-1.00

APPLICATION

Mixing Ratio	4 : 1 (volume)
Hardener	CA421(M): 15-25°C (59-77°F) CA421(S): 25-35°C (77-95°F) CA421(F): 5-15°C (41-59°F)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (2-3 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 20 min 25°C (77°F) x 24 hours

5100 LV PLUS

10:1 | 3-4 COATS | 20 min 60°C/140°F

1) Air-Dry MS 10:1 Clear Coat
2) Excellent smoothness with outstanding durability and weather resistance
3) Superior workability, recommended for spot repairs

PHYSICAL PROPERTIES

Size	5100 LV PLUS: 3.64L (0.96 gal) Hardener: 0.36L (0.10 gal)
Solids content(%)	Approx. 35%
Specific Gravity	0.97-1.01

APPLICATION

Mixing Ratio	10 : 1 (volume)
Hardener	CA101
Application Viscosity	13-15 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	30-40 ㎛
Number of Coats	3-4 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry 10 min 60°C (140°F) x 20 min 25°C (77°F) x 2 hours

UT5770-A-9000

2:1 | 2-3 COATS | 30 min 60°C/140°F

1) Universal MS 2:1 Clear Coat
2) Excellent smoothness with outstanding durability and weather resistance
3) Superior workability and gloss retention

PHYSICAL PROPERTIES

Size	UT5770-A-9000: 2.66L (0.70 gal) Hardener: 1.34L (0.35 gal)
Solids content(%)	Approx. 43%
Specific Gravity	0.94-1.00

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	14-16 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (2-3 bar, HVLP : 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 30 min 25°C (77°F) x 24 hours

210 HS CLEAR

2 : 1 | 2 COATS | 30 min 60°C/140°F | 2.1 VOC

1) 2.1 Low VOC Premium HS 2:1 Clear Coat
2) Fast drying with excellent durability and weather resistance
3) Superior workability and gloss retention

PHYSICAL PROPERTIES

Size	210 LV CLEAR: 4.73L (1¼ gal, 160 fl oz) Hardener: 2.366L (⅝ gal, 80 fl oz)
Solids content(%)	Approx. 44%
Specific Gravity	1.12-1.16

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA210(M): 15-25°C (59-77°F) CA210(S): 25-35°C (77-95°F) CA210(F): 5-15°C (41-59°F)
Application Viscosity	15-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4mm (2.0-2.2 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 30 min touch dry 10 min 25°C (77°F) x 10 hours

210 LV CLEAR

2 : 1 | 2 COATS | 30 min 60°C/140°F | 2.1 VOC

1) 2.1 Low VOC Universal MS 2:1 Clear Coat
2) Fast drying with excellent durability and weather resistance
3) Superior workability and gloss retention

PHYSICAL PROPERTIES

Size	210 LV CLEAR: 4.73L (1¼ gal, 160 fl oz) Hardener: 2.366L (⅝ gal, 80 fl oz)
Solids content(%)	Approx. 44%
Specific Gravity	1.12-1.16

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA210(M): 15-25°C (59-77°F) CA210(S): 25-35°C (77-95°F) CA210(F): 5-15°C (41-59°F)
Application Viscosity	15-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4mm (2.0-2.2 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 30 min touch dry 10 min 25°C (77°F) x 10 hours

410 LV CLEAR

4 : 1 | 2 COATS | 30 min 60°C/140°F | 2.1 VOC

1) 2.1 Low VOC Universal MS 4:1 Clear Coat
2) Excellent smoothness with outstanding durability and weather resistance
3) Superior workability and gloss retention

PHYSICAL PROPERTIES

Size	410 LV CLEAR: 4L (1 1/16 gal) Hardener: 1L (¼ gal)
Solids content(%)	Approx. 45-47%
Specific Gravity	1.12-1.16

APPLICATION

Mixing Ratio	4 : 1 (volume)
Hardener	CA410(M): 15-25°C (59-77°F) CA410(S): 25-35°C (77-95°F) CA410(F): 5-15°C (41-59°F)
Application Viscosity	15-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4mm (2.0-2.2 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	5-7 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 30 min touch dry 10 min 25°C (77°F) x 10 hours

5300 HS CLEAR (GREEN)

3 : 1 | 2-3 COATS | 30 min 60°C/140°F

1) Low BTX Premium HS 3:1 Clear Coat
2) Reduced harmful substances compared to 5300 HS CLEAR (captured BTX content below 0.08 ppm)
3) High solids content provides excellent build-up and fast drying
4) Excellent appearance with high gloss and smoothness, suitable for premium vehicles

PHYSICAL PROPERTIES

Size	5300 HS CLEAR(GREEN): 3L (0.79 gal) Hardener: 1L (0.26 gal)
Solids content(%)	Approx. 54%
Specific Gravity	1.03-1.07

APPLICATION

Mixing Ratio	3 : 1 (volume)
Hardener	C.A530(M)(GREEN): 15-25°C (59-77°F) C.A530(S)(GREEN): 25-35°C (77-95°F) C.A530(F)(GREEN): 5-15°C (41-59°F)
Application Viscosity	18-20 sec(Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP : 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C x 30min touch dry: 10 min 25°C (77°F) x 24 hours

MULTIPLUS(GREEN)

2 : 1 | 2 COATS | 30 min 60°C/140°F

1) Eco-friendly (Low BTX) Universal MS 2:1 Clear Coat
2) Reduced harmful substances compared to conventional products (captured BTX content below 0.08 ppm)
3) Excellent smoothness and workability
4) Superior durability and weather resistance with excellent gloss retention

PHYSICAL PROPERTIES

Size	MULTIPLUS(GREEN): 2.66L (0.70 gal) Hardener: 1.34L (0.35 gal)
Solids content(%)	Approx. 45%
Specific Gravity	1.0-1.04

APPLICATION

Mixing Ratio	2 : 1 (volume)
Hardener	CA221(M)(GREEN): 15-25°C (59-77°F) CA221(S)(GREEN): 25-35°C (77-95°F) CA221(F)(GREEN): 5-15°C (41-59°F)
Application Viscosity	13-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4mm (1.6-2.2 bar, HVLP : 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	3-4 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	touch dry: 10 min 60°C (140°F) x 30 min 25°C (77°F) x 24 hours

CLEARCOAT

7000F CLEAR

2:1 | 2 COATS | 30 min 60°C/140°F

1) Premium 2:1 Matte Clear Coat
2) Superior metallic particle visibility, appearance, durability, and weather resistance
3) Gloss level adjustable by mixing with gloss clear coat

PHYSICAL PROPERTIES

Size	7000F Clear: 1.6L (0.42 gal) Hardener: 0.8L (0.21 gal)
Solids content(%)	Approx. 40%
Specific Gravity	1.00-1.04

APPLICATION

Mixing Ratio	2 : 1 (volume) ※ Shake or stir well before use
Hardener	CA221(M): 15-25°C (59-77°F) CA221(S): 25-35°C (77-95°F) CA221(F): 5-15°C (41-59°F)
Application Viscosity	16-18 sec (Ford Cup #4, 20°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	Touch dry: 8 min 20°C (68°F) x 8 hours 60°C (140°F) x 30 min

5000F LV CLEAR

4:1 | 2-3 COATS | 30 min 60°C/140°F

1) Matte MS 4:1 Clear Coat (Gloss: 8-12%)
2) Excellent smoothness with outstanding durability and weather resistance
3) Superior workability, ideal for matte parts such as lower bumpers

PHYSICAL PROPERTIES

Size	5000F LV CLEAR: 3.2L (0.85 gal), 0.8L (0.21 gal) Hardener: 0.8L (0.21 gal), 0.2L (0.05 gal)
Color/Condition	Matte (Gloss: 8 ~ 12%) White Hazy Liquid
Solids content(%)	Approx. 37%
Specific Gravity	0.97-1.01

APPLICATION

Mixing Ratio	4 : 1 (volume)
Hardener	CA421(M): 15-25°C (59-77°F) CA421(S): 25-35°C (77-95°F) CA421(F): 5-15°C (41-59°F)
Application Viscosity	16-18 sec (Ford Cup #4, 20°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.8-2.2 bar, HVLP: 0.8)
Total Thickness	35-45 ㎛ (※ Thicker film may increase gloss)
Number of Coats	2-3 coats
Flash off Time	5-10 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	Touch dry: 10 min 25°C (77°F) x 24 hours 60°C (140°F) x 30 min

Matte Clear Gloss Level Adjustment Mixing Ratio

Clear1	Clear2	Mixing Ratio							Hardener
5000F	**-**	100 : 0							CA421
5000F	**5300 HS**		95 : 5	90 : 10	88 : 12				
7000F	**5000F**					70 : 30			CA221
7000F	**-**						100 : 0		
7000F	**5300 HS**							98 : 2	
Gloss Level		**8**	**15**	**21**	**25**	**15**	**20**	**25**	

※ Use the hardener for Clear1

PRIME SURFACER (W/B/G)

1) 2K HS non-yellowing primer/sealer
2) Offers a choice of three colors that can match high chroma basecoat colors
3) Dries quickly and has excellent sanding properties
4) Offers excellent adhesion, water resistance, and chemical resistance

PHYSICAL PROPERTIES

Size	Prime Surfacer: 4L (1.05 gal) Hardener: 1L (0.26 gal)
Color	Black, White, Grey
Solids content(%)	70-74%
Specific Gravity	Approx. 1.56-1.67

APPLICATION

Mixing Ratio	Base : Hardener : Thinner = 100 : 25 : 30 (volume) Base : Hardener : Thinner = 100 : 14 : 20 (weight)
Hardener	CA221
Reducer	TH0600, TH0045
Application Viscosity	15-17sec (Ford Cup 4, 25°C)
Spray Gun (Pressure)	Gravity gun 1.2-1.4 mm (1.8-2.0 bar)
Total Thickness	90-110 ㎛
Number of Coats	2-3 Coats
Flash off Time	4-6min
Working Temperature	64-77°F (18~25°C) / 70% ↓
Pot-life	2 hours
Drying Time	68-77°F(20-25°C) : Touch-dry 10min, Sanding 70-100min 140°F(60°C) : 15min (P600 Sanding)

PRIME NONSANDING SURFACER(W/B)

1. 2K Non-Yellowing Non-Sanding HS Primer Surfacer
2. Allows for subsequent painting without sanding, reducing work time
3. Hybrid type that supports both sanding and non-sanding processes
4. Especially recommended for water-based base coats, offering excellent appearance and high quality

PHYSICAL PROPERTIES

Size	Prime Non-Sanding Surfacer: 3.5L (0.92 gal) Hardener: 0.7L (0.18 gal) Bumper Additive: 1L (0.26 gal)
Color	Black, White
Solids content(%)	Approx. 70% (based on surfacer)
Specific Gravity	1.40-1.45

APPLICATION

Mixing Ratio	Base : Hardener : Reducer = 100 : 20 : 30 (volume) Base : Hardener : Reducer = 100 : 14-16 : 20 (weight)
Hardener	Nonsanding Hardener
Reducer	TH0600(S), TH0600(M), TH0600(F)
Application Viscosity	13-15sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4 mm (1.5-1.6 bar)
Total Thickness	Non-sanding: 20-40 ㎛ Sanding: 30-50 ㎛
Number of Coats	Non Sanding: 1 coat (Wet) Sanding: 2 coats (Wet-Wet)
Working Temperature	64-77°F (18-25°C) / 70% ↓
Drying Time	20-25°C (68-77°F): 20 min (water-borne basecoat) 30 min (solvent-borne basecoat) 60°C (140°F): 10 min (P600 sanding)

PRIME SURFACER / PRIME NON-SANDING SURFACER Value Shade

	PRIME SURFACER		PRIME NON-SANDING SURFACER	
	WHITE	BLACK	WHITE	BLACK
V-1	100%	0%	100%	0%
V-2	99%	1%	99%	1%
V-3	97%	3%	97%	3%
	GREY 100%			
V-4	76%	24%	76%	24%
V-5	40%	60%	45%	55%
V-6	0%	100%	0%	100%

US4000

1) 2K Non-Yellowing Low VOC 4:1 Primer Surfacer
2) Fast drying with excellent adhesion to topcoats
3) Available in white and grey, suitable for high-chroma colors

PHYSICAL PROPERTIES

Size	US4000: 4L (1 1/16 gal) Hardener: 1L (¼ gal)
Color	White, Grey
Solids content(%)	Approx. 44%
Specific Gravity	0.94-1.00

APPLICATION

Mixing Ratio	US4000 : Hardener : Reducer = 100 : 25 : 45 (volume), 100 : 17 : 30 (weight)
Hardener	CA210(M): 15-25°C (59-77°F) CA210(S): 25-35°C (77-95°F) CA210(F): 5-15°C (41-59°F)
Application Viscosity	14-16 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4mm (2-2.2 bar)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	3-5 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 15 min (Sanding P400-P600)

US6000

1) 2K Non-Yellowing Low VOC Non-Sanding 4:1 Primer Surfacer
2) Excellent smoothness and adhesion with fast drying
3) Available in white and grey, suitable for high-chroma colors

PHYSICAL PROPERTIES

Size	US6000: 4L (1 1/16 gal) Hardener: 1L (¼ gal)
Color	White, Grey
Solids content(%)	Approx. 44%
Specific Gravity	0.94-1.00

APPLICATION

Mixing Ratio	US6000 : Hardener : Reducer = 100 : 25 : 45 (volume), 100 : 17 : 30 (weight)
Hardener	CA210(M): 15-25°C (59-77°F) CA210(S): 25-35°C (77-95°F) CA210(F): 5-15°C (41-59°F)
Application Viscosity	15-18 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.3-1.4mm (2-2.2 bar)
Total Thickness	40-50 ㎛
Number of Coats	2 coats
Flash off Time	3-5 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	60°C (140°F) x 15 min

UU3000

1) 2K HS Primer Surfacer
2) Prevents putty marks and cracks, improving topcoat appearance
3) Excellent interlayer adhesion with substrates (CR, EGI steel)/primer/topcoat
4) Superior sandability with excellent water and solvent resistance

PHYSICAL PROPERTIES

Size	UU3000: 2.9L (0.76 gal) Hardener: 0.58L (0.15 gal)
Color	Beige (Matte)
Solids content(%)	Approx. 66% (based on the Part A)
Specific Gravity	1.37-1.43

APPLICATION

Mixing Ratio	Base : Hardener : Reducer = 100 : 20 : 30 (volume) Base : Hardener : Reducer = 100 : 15 : 18 (weight)
Hardener	UU3000-B
Reducer	TH0600(S), TH0600(M), TH0600(F)
Application Viscosity	15-17 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.8-2.0bar, HVLP: 0.8)
Total Thickness	40-50 ㎛
Number of Coats	2-3 coats
Flash off Time	4-6 min
Working Temperature	18-25°C (64-77°F) humidity below 70%
Drying Time	20–25°C (68–77°F): Touch dry 10min, Air dry 60min 60°C (140°F): 20 min (sandable with P600)

PRIMER & SURFACER

PRIME 1K NONSANDING SURFACER

5 min 60°C/140°F

1) 1K Air-Dry Non-Sanding Primer Surfacer
2) Excellent adhesion without the need for sanding
3) Fast drying with superior appearance

PHYSICAL PROPERTIES

Size	4kg (8.8 lbs)
Color	Light Grey (Matte)
Solids content(%)	50%
Specific Gravity	Approx. 1.27-1.33

APPLICATION

Mixing Ratio	Surfacer : Reducer = 100 : 130-175% (Volume), 100 : 100-130% (Weight)
Reducer	TH0600(S), TH0600(M), TH0600(F)
Application Viscosity	16-20 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.6~2.0bar)
Total Thickness	10-30 ㎛
Number of Coats	1-2 Coats
Flash off Time	Air blow 1-3min
Working Temperature	18-25°C (64-77°F) humidity below 70%
Drying Time	25°C (77°F): Touch dry 10min, Sandable 10min 60°C (140°F): Touch dry 2-3min, Sandable 5min (P600)

PRIME2000

5 min 60°C/140°F

1) 1K Premium Air-Dry Primer Surfacer
2) Fast drying, excellent build-up and substrate leveling properties

PHYSICAL PROPERTIES

Size	4L (1.05 gal)
Color	Light Grey (Matte)
Solids content(%)	Approx. 60%
Specific Gravity	1.27-1.33

APPLICATION

Mixing Ratio	PRIME2000 : Reducer = 100 : 80-100%
Reducer	TH0600(S), TH0600(M), TH0600(F)
Application Viscosity	16-20 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.6-2.0bar)
Total Thickness	35-45 ㎛
Number of Coats	2-3 coats
Flash off Time	2-5 min between coats (Air Jet 1-2min)
Working Temperature	18-25°C (64-77°F) humidity below 70%
Drying Time	20–25°C (68–77°F): 10 min (sandable) 60°C (140°F): 5min (sandable with P600)

RP5000-WHITE/GREY

10-15 min 20°C/68°F

1) 1K CPO Plastic Primer (Adhesion Promoter)
2) Improved adhesion, paintability, and storage stability compared to RP3000
3) Increases hiding power when applying high-chroma or bright colors

PHYSICAL PROPERTIES

Size	3.5L (0.92 gal)
Color	White, Grey
Solids content(%)	Approx. 25-29%
Specific Gravity	Approx. 0.99-1.03

APPLICATION

Application Viscosity	12-14 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.8~2.2bar, HVLP: 0.8)
Total Thickness	8-10 ㎛
Number of Coats	2 coats
Flash off Time	2-3 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	20°C (68°F): 10-15 min (touch dry 2-5 min)

RP3000S/C

10-15 min 20°C/68°F

1) 1K CPO Plastic Primer (Adhesion Promoter)
2) Fast drying with excellent adhesion to substrates such as ABS, Polypropylene

PHYSICAL PROPERTIES

Size	S: 3.78L (1 gal), C: 4L (1.05 gal)
Color	Silver, Clear
Solids content(%)	11%
Specific Gravity	Approx. 0.86-1.07

APPLICATION

Application Viscosity	9-12 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.8-2.2bar, HVLP: 0.8)
Total Thickness	8-10 ㎛
Number of Coats	2 coats
Flash off Time	3-4 min between coats
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	20°C (68°F): 10-15 min (touch dry 5 min)

WS2000

15 min 60°C/140°F

1) 1K Room Temperature Air-Dry Waterborne Primer Surfacer
2) Compatible with both solvent-borne and waterborne basecoats
3) Fast-drying with excellent build-up and sandability

PHYSICAL PROPERTIES

Size	1L (0.26 gal)
Color	Light Grey (Matte)
Solids content(%)	55%
Specific Gravity	Approx. 1.40-1.55

APPLICATION

Mixing Ratio	WS2000 : Reducer = 100 : 10-20% Recommended to use within 12 hours after dilution
Reducer	K040 (Waterborne Reducer)
Application Viscosity	20-24 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Waterborne Gravity type 1.4mm (1.5bar)
Total Thickness	30-50 ㎛
Number of Coats	2 coats (WET-WET)
Flash off Time	5min between coats
Working Temperature	18-25°C (64-77°F) humidity below 70%
Drying Time	25°C (77°F): Touch dry 10min, Sandable 30 min 60°C (140°F): Touch dry 5min, Sandable 15 min (P600)

UU2000

10 min 60°C/140°F

1) 1K Air-Dry Primer Surfacer
2) Excellent drying, build-up, sandability, and leveling properties
3) Suitable for fast work

PHYSICAL PROPERTIES

Size	4L (1.05 gal)
Color	Light Grey (Matte)
Solids content(%)	Approx. 58%
Specific Gravity	Approx. 1.27-1.33

APPLICATION

Mixing Ratio	UU2000 : Reducer = 100 : 80-100%
Reducer	TH0600(S), TH0600(M), TH0600(F)
Application Viscosity	16-20 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type 1.2-1.4mm (1.8-2.2bar, HVLP 0.8)
Total Thickness	35-45 ㎛
Number of Coats	2-3 coats
Flash off Time	4-6 min between coats
Working Temperature	18-25°C (64-77°F) humidity below 70%
Drying Time	20–25°C (68–77°F): Touch dry 10 min, Sandable 30 min 60°C (140°F): Sandable 10 min (P600)

RP540C

10-15 min 25°C/77°F · 4.5 VOC

1) 1K 4.5 VOC Plastic Primer (Adhesion Promoter)
2) Fast drying with excellent adhesion to materials like ABS and Polypropylene (P.P)

PHYSICAL PROPERTIES

Size	4L (1.05 gal)
Color	Clear
Specific Gravity	1.25-1.35

APPLICATION

Application Viscosity	11-12 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure)	Gravity type HVLP 1.3-1.4mm (2-2.2 bar, 23-32psi)
Total Thickness	5-8 ㎛ (0.2-0.3mils)
Number of Coats	2 coats (MID-WET)
Flash off Time	Wet on Wet
Working Temperature	20-28°C (68-82°F) humidity below 80%
Drying Time	25°C (77°F): 10-15 min apply subsequent coats within 30 min (max 1hr)

BODY FILLER(PUTTY)

PRIME ULTRA LS PUTTY

100 : 2 | LOW STYRENE

1) 2K polyester lightweight Self-levelling body filler(Putty)
2) It provides a smooth, pore-free finish and excellent adhesion to metal, galvanized substrates, GRP, and wood
3) The non-sagging formula allows for sanding with high abrasion after a short drying time, without the need for finishing putty
4) The styrene content is reduced to less than 10%

PHYSICAL PROPERTIES

Size	Prime Ultra LS Putty: 2.5L (0.66 gal) Hardener: 0.08kg (0.17 lbs)
Color	Grey Beige
Solids content(%)	80-85% (Weight)
Specific Gravity	Approx. 1.2-1.3

APPLICATION

Mixing Ratio	100 : 2 (Weight)
Hardener	CA2015(T)
Application Tool	Spatula, putty knife, etc.
Working Temperature	From 10°C (50°F), humidity below 80%
Sanding	Dry sanding P150-P360

Temperature	20°C / 68°F	60°C / 140°F
Sandable Time	15-20 min	5-10 min
Pot-life	3-4 min	

PRIME PUTTY

100 : 1-3

1) 2K Multi-Purpose Polyester Body Filler(Putty)
2) Excellent adhesion to various substrates [Steel, iron, galvanized steel, aluminum, FRP, CFRP, etc.]
3) Superior drying, filling, and sanding properties, stable on vertical surfaces

PHYSICAL PROPERTIES

Size	Prime Putty: 3.9 kg (8.6 lbs) Hardener: 0.1 kg (0.22 lbs)
Color	Dark Beige
Solids content(%)	80-85% (Weight)
Specific Gravity	Approx. 1.60-1.65

APPLICATION

Mixing Ratio	100 : 1-3 (Weight)
Hardener	CA2015(T)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Sanding	Dry sanding P80-P320

Mixing Ratio (20°C / 68°F)	100:1	100:2	100:3
Sandable Time	30 min	25 min	15 min
Pot-life	5 min	4 min	3 min

PRIME LS PUTTY

100 : 1-3 | LOW STYRENE

1) 2K Multi-Purpose Low Styrene Polyester Putty(Filler)
2) Excellent adhesion to various substrates [Steel, iron, galvanized steel, aluminum, GRP, etc.]
3) Superior drying, filling, and sanding properties, stable on vertical surfaces
4) Product with styrene monomer (vinylbenzene) content reduced to below 10%

PHYSICAL PROPERTIES

Size	Prime LS Putty: 3.9kg (8.6 lbs) Hardener: 0.1kg (0.22 lbs)
Color	Dark Beige
Solids content(%)	96% (Weight)
Specific Gravity	Approx. 1.6-1.7

APPLICATION

Mixing Ratio	100 : 1-3 (weight)
Hardener	CA2015(T)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Sanding	Dry sanding P80-P320

Mixing Ratio (20°C / 68°F)	100:1	100:2	100:3
Sandable Time	30 min	25 min	20 min
Pot-life	6 min	4 min	3 min

PRIME POWER PUTTY

100 : 1-3

1) 2K Multi-Purpose High-Viscosity & High Build Polyester Body Filler(Putty)
2) Excellent adhesion to various substrates [Steel, iron, galvanized steel, aluminum, FRP, CFRP, etc.]
3) Superior drying, filling, and sanding properties, stable on vertical surfaces

PHYSICAL PROPERTIES

Size	Prime Power Putty: 0.975kg (2.15 lbs), Hardener: 0.025 kg (0.06 lbs)
Color	Dark Beige
Solids content(%)	80-90% (Weight)
Specific Gravity	Approx. 1.5-1.6

APPLICATION

Mixing Ratio	100 : 1-3 (weight)
Hardener	CA2015(T)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Sanding	Dry sanding P80-P320

Mixing Ratio (20°C / 68°F)	100:1	100:2	100:3
Sandable Time	30 min	20 min	15 min
Pot-life	6 min	5 min	4 min

SMART ULTRA PUTTY

100 : 1-3 | LOW STYRENE

1) 2K Low Styrene light weight polyester C.H.P.O Body Filler(Putty)
2) Excellent adhesion and sandability, with fast drying time
3) Does not sag even when applied thickly
4) Reduced styrene monomer (vinyl benzene) content (less than 10%)

PHYSICAL PROPERTIES

Size	Smart Ultra Putty: 3L (0.79 gal) Hardener: 0.08kg (0.18 lbs)
Color	Yellow (after mixing)
Solids content(%)	96% (weight)
Specific Gravity	Approx. 1.1-1.3

APPLICATION

Mixing Ratio	100 : 1-3 (weight)
Hardener	928(T)C.A(C.H.P.O)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Sanding	Dry sanding P80-P320

Mixing Ratio (20°C / 68°F)	100:1	100:2	100:3
Sandable Time	30 min	20 min	15 min
Pot-life	10 min	5 min	3 min

SMART PUTTY

100 : 1-3

1) 2K Lightweight Polyester C.H.P.O Body Filler(Putty)
2) Excellent adhesion and sandability with fast drying speed
3) Low shrinkage, excellent impact resistance, tensile strength

PHYSICAL PROPERTIES

Size	Smart Putty: 3L (0.79 gal) Hardener: 0.08kg (0.18 lbs)
Color	Yellow (after mixing)
Solids content(%)	96% (weight)
Specific Gravity	Approx. 1.2-1.3

APPLICATION

Mixing Ratio	100 : 1-3 (weight)
Hardener	928(T)C.A(C.H.P.O)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Sanding	Dry sanding P80-P320

Mixing Ratio (20°C / 68°F)	100:1	100:2	100:3
Sandable Time	30 min	20 min	15 min
Pot-life	10 min	5 min	3 min

SUPER PLUS PUTTY

100 : 1-3

1) 2K Lightweight Polyester C.H.P.O Body Filler(Putty)
2) Excellent adhesion and sandability with fast drying speed
3) Low shrinkage, excellent impact resistance, and tensile strength

PHYSICAL PROPERTIES

Size	Super Plus Putty: 3L (0.79 gal) Hardener: 0.08kg (0.18 lbs)
Color	Yellow (after mixing)
Solids content(%)	96% (by weight)
Specific Gravity	Approx. 1.2-1.3

APPLICATION

Mixing Ratio	100 : 1-3 (weight)
Hardener	928(T)C.A(C.H.P.O)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F), humidity below 80%
Sanding	Dry sanding P80-P320

Mixing Ratio (20°C / 68°F)	100:1	100:2	100:3
Sandable Time	30 min	20 min	15 min
Pot-life	10 min	5 min	3 min

PC280(TYPE1)-GREY

100 : 1-3

1) 2K Polyester C.H.P.O Putty(Filler) for Iron
2) Fast drying, excellent adhesion and build-up, recommended for heavy equipment/trains/freight vehicles
3) Excellent impact resistance and tensile strength with low shrinkage

PHYSICAL PROPERTIES

Size	PC280: 1.5L (0.4 gal), 5kg (11 lbs) Hardener: 0.08kg (0.18 lbs)
Color	Yellow (after mixing)
Solids content(%)	96% (weight)
Specific Gravity	Approx. 1.65-1.75

APPLICATION

Mixing Ratio	100 : 1-3 (weight)
Hardener	928(T)C.A(C.H.P.O)
Application Tool	Spatula, putty knife, etc.
Working Temperature	20-28°C (68-82°F) humidity below 80%
Sanding	Dry sanding P80-P320

Product Name	PC280(S)	PC280(F)
Sandable Time	30 min	20 min
Pot-life	10 min	5 min

THINNER & ADDITIVE

TH0600

1) Low-Hazard Urethane Reducer for Automotive Refinish Coatings
2) Excellent solvency and workability

PHYSICAL PROPERTIES

Size 4L (1 1/16 gal)
16L (4¼ gal)

APPLICATION

Working Temperature
- 5-15°C (41-59°F): TH0600(F)
- 15-25°C (59-77°F): TH0600(M)
- 25-35°C (77-95°F): TH0600(S)
- 35°C + (95°F+): Use a mix of TH0600(S) + TH0045R (within 5%)

TH0045

1) Universal Urethane Reducer for Automotive Refinish Coatings
2) Excellent solvency and workability

PHYSICAL PROPERTIES

Size 4L (1 1/16 gal)
18L (4¾ gal)

APPLICATION

Working Temperature
- 5-15°C (41-59°F) : TH0045(F)
- 15-25°C (59-77°F) : TH0045(M)
- 25-35°C (77-95°F) : TH0045(S)
- 35°C+ (95°F+) : TH0045(R)

RE0045

1) Low VOC Reducer for Automotive refinish paints

PHYSICAL PROPERTIES

Size 4L (1 1/16 gal)
18L (4¾ gal)

APPLICATION

Working Temperature
- 5-15°C (41-59°F) : RE0045(F)
- 15-25°C (59-77°F) : RE0045(M)
- 25-35°C (77-95°F) : RE0045(S)

TH0035

1) Thinner for cleaning painting equipment such as spray guns
2) Lacquer-based thinner with powerful cleaning ability for removing residual paint

PHYSICAL PROPERTIES

Size 18L (4¾ gal)

APPLICATION

Caution Thinner for cleaning purposes only;
not suitable for use as a reducer in automotive refinish paints

SUPER ANTI PINHOLE ADDITIVE

1) Improved pinhole prevention compared to previous versions
2) Excellent pinhole prevention in high-temperature environments above 36°C

PHYSICAL PROPERTIES

Size 1L (¼ gal)

APPLICATION

Mixing Ratio Add 3-5% of the Clearcoat (Topcoat)
Working Temperature
up to 35° C (95°F): Base + Slow Hardener
36°C (96°F) + : Base + Slow Hardener + Super Anti Pinhole Additive

ZY0940 ANTI PINHOLE ADDITIVE

1) Reduces pinholes in urethane topcoats, such as clear coats, and prevents gloss reduction
2) Recommended for use during summer when high temperatures increase the risk of pinholes

PHYSICAL PROPERTIES

Size 1L (¼ gal)

APPLICATION

Mixing Ratio Add within 1%
Working Temperature 20-28°C (68-82°F)
humidity below 80%

SMART BLENDING THINNER

1) Thinner(Additive) for blending clear coat overlap areas
2) Excellent solvency and smoothness, with minimal sagging
3) Minimizes gloss reduction after drying

PHYSICAL PROPERTIES

Size 4L (1 1/16 gal)
Specific Gravity Approx. 0.9

APPLICATION

Mixing Ratio Clearcoat : Blending Thinner = 1 : 1
Application Viscosity 9-11 sec (Ford Cup #4, 25°C)
Spray Gun (Pressure) Gravity type 1.3-1.5 mm
Suction type 1.5-1.7 mm (Pattern width approx. 8-10 cm)
Number of Coats
1) 100% Clear Coat Application
2) Clear Coat + Blending Thinner Mixed Application
3) 100% Blending Thinner Application
Flash off Time 5min
Working Temperature 20-28°C (68-82°F), humidity below 80%
Drying Time 60°C (140°F) x 30 min, touch dry 10min, 25°C (77°F) x 24hours

ANTISTATIC DEGREASER

1) Effectively removes various contaminants, oil, wax, and post-sanding dust from surfaces
2) Anti-static function, recommended for materials prone to static electricity. (e.g., plastic trims, bumpers)
3) Does not affect existing coatings and prevents issues such as cratering and poor adhesion

PHYSICAL PROPERTIES

Size 4L (1 1/16 gal)

APPLICATION

How to use
- Prepare two clean cloths and first wash the surface with water.
- Dampen one cloth with an appropriate amount of degreaser and wipe the surface to be painted.
- Use the other cloth to wipe off the degreaser from the surface.

ZY0950 DEGREASER

1) Cleans various contaminants (oil, wax, silicone, etc.) from surfaces
2) Excellent cleaning power, preventing defects such as cratering and coating delamination

PHYSICAL PROPERTIES

Size 4L (1 1/16 gal)

APPLICATION

How to use
- Prepare two clean cloths and first wash the surface with water.
- Dampen one cloth with an appropriate amount of degreaser and wipe the surface to be painted.
- Use the other cloth to wipe off the degreaser from the surface.

SUPPLIES & MATERIALS

MASKING TAPE

1) Waterproof coating prevents paint penetration
2) Leaves no residue after removal
3) Excellent heat resistance [100°C(212°F) x 30 min] and solvent resistance

PRODUCT SPECIFICATIONS

Size	Yellow: 15mm, 18mm, 24mm, 36mm, 45mm Orange: 15mm, 24mm, 48mm * Length: 40m (same for all)
Packaging	15mm: 60ea/box, 18mm: 48ea/box, 24mm: 36ea/box, 36mm: 24ea/box, 45mm: 20ea/box, 48mm: 20ea/box

COVERING TAPE

PRETAPED MASKING FILM

1) Prevents contamination of areas outside the work area during masking before painting
2) Special coating minimizes static electricity
3) Excellent adhesion and heat resistance

PRODUCT SPECIFICATIONS

Size	Yellow: 450mm, 650mm, 900mm, 1500mm, 2400mm Orange: 450mm, 650mm, 900mm, 1500mm, 2000mm, 2400mm ※ Length: 20m (same for all)
Packaging	450mm-900mm : 50ea/box 1500mm-2400mm : 25ea/box

WATERBORNE PAINT PAPER FILTER

1) Paint Filter Paper for Waterborne Paints
2) 125μm (micron) filter suitable for waterborne paints

PRODUCT SPECIFICATIONS

Size	15cm(W) x 13cm(H)
Packaging	1,000pcs/box (250pcs * 4ea)

FLEXFOAM SANDING DISC

1) Precise and consistent sanding performance during blending spray
2) Prevents excessive sanding on curved or uneven surfaces
3) High-density foam material provides excellent flexibility and durability

PRODUCT SPECIFICATIONS

Size	5" (125mm), 6" (150mm) Grit Specifications: P600, P800, P1000
Packaging	1box: 20 Discs x 6carton (120 discs)

PLASTIC EMPTY CAN

1) Plastic empty cans for waterborne paint
2) 0.5L and 0.3L cans are designed for stackable storage

PRODUCT SPECIFICATIONS

Size	4L, 2L, 1L, 0.5L, 0.3L
Packaging	4L: 10ea/box, 2L: 40ea/box, 1L: 50ea/box 0.5L, 0.3L: 100ea/box

SPS (Sumix Paintcup System)

1) Disposable paint cups for improved work efficiency
2) Enhanced painting quality: Lid with filter reduces contaminants and prevents paint cup contamination
3) Clamp fastening system: Ensures a more secure connection between the liner and lid

PRODUCT SPECIFICATIONS

Size	400ml(13 oz), 650ml(22 oz), 850ml(28 oz)
Packaging	1 Set: 50 Lids, 50 Liners (disposable cups), 20 Lid Caps, 1 Hard Cup

3M™ PPS™ 2.0

1) Paint Preparation System: Disposable paint cups for improved work efficiency
2) Enhanced painting quality: Lid with integrated filter reduces contaminants and prevents paint cup contamination
3) Reduced number of fastening components compared to the previous 1.0 version and improved spray gun attachment method

PRODUCT SPECIFICATIONS

Size	650ml(22oz), 850ml(28oz)
Packaging	1 Set: 50 Lids, 50 Liners (disposable cups), 32 Lid Caps, 1 Hard Cup

COAGULATING POWDER

1) Coagulant for disposing of waterborne paint
2) When added to waste waterborne paint, it separates the water, reducing the volume of waste

PRODUCT SPECIFICATIONS

Size	2.5kg (5.5 lbs)

APPLICATION

Mixing Ratio	Waste Paint : Waterborne Paint Coagulant = 100 : 0.3-0.5 (weight) ※ Use approx. 40g per 10L of waste paint
Caution	1) Ensure that no solvent-based paint or thinner mixes with the waste paint. 2) If the waste paint is too thick to mix the coagulant, add water to facilitate mixing.

Painting Coveralls

1) Grey-colored painting coveralls with anti-static and dust-repellent properties
2) Two-piece design (jacket and pants) for easy wear and removal
3) Practical design with multiple pockets and elasticated wrists and ankles

PRODUCT SPECIFICATIONS

Size	M, L, XL, 2XL, 3XL
Packaging	10sets/1box

SCANGRIP® Sunmatch 4

1) Portable rechargeable LED work light
2) Optimized for color inspection with adjustable brightness and color temperature
3) CCT SCAN Function : More precise automatic color temperature adjustment compared to the previous model
4) Electromagnetic compatibility (EMC) certified

PRODUCT SPECIFICATIONS

Size	188mm x 58mm x 26mm (0.27kg)
Brightness	700-1,400 LUX (stepless): at 0.5m 50-500 Lumen
Color Temperature	2500K-6500K (CRI+ 96) ※ Lower values result in a dimmer and more reddish light
Water resistance	IP65

APPLICATION

1) Can be used at various angles with the built-in stand, and includes a hook for hanging.
2) Uses a dedicated charger for 100V ~ 240V AC 50/60Hz (Li-ion battery)

Nitrile Gloves

1) Black powder-free nitrile gloves with excellent durability and chemical resistance
2) Diamond-patterned embossing for a secure grip

PRODUCT SPECIFICATIONS

Size	S, M, L, XL
Packaging	100pcs/1box

ANEST IWATA

SUPERNOVA Series 2

WS-400 SERIES 2 BASE

- WS-400 Supernova Series 2 BASE is suitable for wet-on-wet basecoat application.
- Broad range of optimized nozzle configurations for use with various paint brands, climates, and conditions.
- Use a pressure gauge for precise performance and accurate color reproduction.

LS-400 SERIES 2 BASE

- LS-400 Supernova Series 2 BASE is suitable for a wide range of basecoat applications.
- Features a broad range of optimized nozzle configurations for use with various paint brands, climates, and conditions.

WS-400 SERIES 2 CLEAR

- WS-400 Supernova Series 2 CLEAR is suitable for clear coat application.
- Offers optimized settings to cover a wide range of application needs.
- Provides various options depending on different styles and speeds.
- Use a pressure gauge for precise performance and accurate color reproduction.

Model	Type	Nozzle Size	Air Consumption (L/min)	Pattern Width (mm)	Application	Features
WS-400-OBS	Gravity	1.3mm	370	255	High-Pressure Waterborne Base (RP)	4-way split nozzle, fine atomization, fast drying
WS-400-OBS.1	Gravity	1.4mm	370	260	High-Pressure Waterborne Base (RP)	
LS-400-1306	Gravity	1.3mm	370	250	Low-Pressure Waterborne Base (HVLP)	4-way split nozzle, reduced paint use with low-pressure spray
LS-400-1406	Gravity	1.4mm	370	255	Low-Pressure Waterborne Base (HVLP)	
WS-400-13H03	Gravity	1.3mm	370	250	Low-Pressure Waterborne Base (HVLP)	4-way split nozzle, increased paint flow for excellent workability (High Delivery Nozzle), fine atomization
WS-400-14H03	Gravity	1.4mm	370	255	Clear Coat (RP)	

KIWAMI 4

1. Ergonomic Design Focused on Maneuverability

The ergonomic design emphasizes functionality, making it easy to use even for small paint applications.

2. Easy Maintenance

Improved threading on the air cap reduces the number of turns required for removal. Additionally, a groove has been added behind the needle valve to facilitate easier removal and reinstallation.

3. Consistent Coating Surface

The air valve structure has been modified, enlarging and standardizing the holes to reduce pressure loss. This change ensures uniform particle size and a consistent coating surface, while reducing the risk of streaks.

Model	Type	Nozzle Size	Air Consumption (L/min)	Pattern Width (mm)	Weight (g)	Application	Features
KIWAMI4-V13WB2	Gravity	1.3mm	390	300	355	High-Pressure Waterborne Base (RP)	- 3-way Split Nozzle - Excellent Cost-Effectiveness - Lightweight Gun Body
KIWAMI4-V14WB2	Gravity	1.4mm	390	310	355	High-Pressure Waterborne Base (RP)	
KIWAMI4-V14WBX	Gravity	1.4mm	370	390	355	Clear Coat (RP)	

Accessories

GRAVITY CUPS

CENTRAL 600 ml

PC-G600P

Code	14019100
Capacity	600 ml
Compatible Guns	Supernova2 WS-400, LS-400, Kiwami4

PRESSURE SETTING

PRESSURE GAUGES

IMPACT CONTROLLER 2

Code	W2012920700 (AJR-02S-VG)
Desciption	Air Pressure Gauge / Regulator
Joints	G1/4"
Body	Anodized Aluminum
Case	Chrome Steel
Measurement Range	0-10 bar

Walcom®

WALCOM SPRAY GUN

GENESI CARBONIO 360 EVO HTE BASE 1.2

- High atomization and product lay out
- Low air consumption: 350 l/min at 2 bar / 12 cfm at 29 psi
- Compliant: max 2 bar / 29 psi
- Certified transfer efficiency over 70%
- Integrated pressure regulator with spray gun air inlet adjustment knob
- Quick connect/release digital pressure gauge
- Nozzle with special diffuser for airflow homogeneity
- Easy to adjust and versatile
- Carbon fiber for lightness and ergonomic design
- Excellent color match, certified by major paint companies
- Resistant to solvent and pickling chemicals
- 340 g weight, the lightest on the market

FULL SET INCLUDES:

- Spray Gun (GENESI CARBONIO 360 EVO HTE BASE 1.2)
- Plastic (POM-C) Cup (680cc)
- Detachable Digital Pressure Gauge
- Maintenance Tools + Storage Case (Plastic Eco Box)

Model	Body	Air Cap	Air Cap Ring / Trigger	Needle / Nozzle	Operating Air Pressure	Air Consumption	Setting for SUMIX / WT5000
Ref. 973012	Carbon Fiber & Forged Aluminum	Anodized Aluminum	Carbon Fiber	Stainless Steel (AISI 303)	0.5 - 2.5 bar (7.2 - 36 psi)	350 ℓ/min (at 2 bar)	- 1.6 bar : Paint Flow Knob 2.5 turns - 1.8 bar : Paint Flow Knob 3 turns

FAN JET (Dry gun)

Air dry gun capable of air blowing at a wide angle (Equipped with an air volume control valve)

- Model No : Ref.60150
- 1st Blowing Distance : 40~50cm
- 2nd Blowing (Finishing) Distance : 10~20cm
- Air Consumption: 265 ℓ/min at 3bar (9cfm at 44psi)
- Body: Metallic
- Nozzle: Nylon and Rubber Radial Pattern
- Weight: 140g

SATA
German Engineering

SATA® Spray Gun Series 5000

Robust air cap made of chrome-plated brass with **QC™** air cap thread for quick change with one turn only.

Fluid tip and paint needle made of corrosion-resistant stainless steel.

Material passage (red)

Air passage (blue)

Fluid tip seal ensuring minimal cleaning effort and safe color change.

Low maintenance, self-tensioning air piston and paint needle packings.

Trigger with paint needle guard ensuring increased life-time of the paint needle packing.

Option: Digital pressure display for exact pressure adjustment, perfect color match and reproducibility.

CCS™ – Color Code System. For the convenient identification of your spray gun.

QCC™ – Quick Cup Connector. Bayonet cup connection. Ensures quick and clean cup change as well as easy cleaning.

Gun suspension hook for convenient storage.

Control elements can be perfectly adjusted even wearing gloves; material flow control with good grip

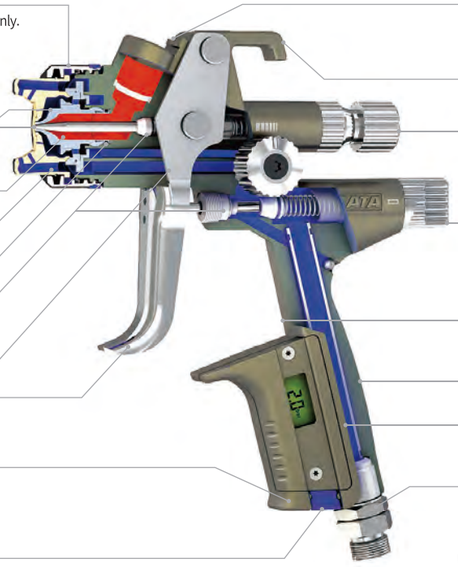
Air micrometer for the adjustment of the atomization air. Highest precision with digital pressure gauge (optional).

Spray fan control allowing fine adjustment with a half turn only.

Ergonomically shaped gun handle.

Easy to clean, corrosion-resistant pearlodized™ surface.

SATA® Spray Gun Series 5500



Robust air cap made ofchrome-plated brass with **QC™** air cap thread for quick change with one turn only.
Air cap ring:
green = HVLP technology
blue = RP technology.

Fluid tip and paint needle made of corrosion-resistant stainless steel.

Material passage (red)

Air passage (blue)

Fluid tip seal ensuring minimal cleaning effort and safe colour change.

Low maintenance, self-adjusting sealings at air piston and paint needle.

Gun trigger with paint needle guard ensuring increased life time of the paint needle packing.

Option: Digital pressure display for exact pressure adjustment, perfect colour match and reproducibility.

CCS™ – Color Code System.
For the convenient identification of your spray gun.

QCC® – Quick Cup Connector. Bayonet cup connection. Ensures quick and clean cup change as well as easy cleaning.

Gun suspension hook for convenient storage.

Control elements can be perfectly adjusted even wearing gloves. Improved material flow control.

Air micrometer for the adjustment of the atomisation air. Highest precision with digital pressure gauge (**optional**).

Spray fan control allowing fine adjustment with a half turn only.

Ergonomically shaped gun handle.

Easy to clean, corrosion-resistant anodised surface.

Air connection 1/4" male thread with swivel joint.

Warranty: Talking quality is not enough – we guarantee it: for three years with registration!

SPRAY GUN

1) 5000 SERIES

HVLP achieves particularly high transfer rates, due to its low pressure technology.
RP with its optimized high pressure technology for maximum application speed and minimum overspray.

Product Name	Nozzle	P/N
SATA-5000 RP	1.2W	209783
	1.3	209791
	1.4	209809
	WSB	210567
SATA-5000 HVLP	1.3	210575
	1.4	210591

※ The recommended models for use with SUMIX / WT5000

Technical Data	RP	HVLP
Recommended air inlet pressure	2.0 bar	2.0 bar
Air inlet pressure field of application	0.5 - 2.4 bar	0.5 - 2.4 bar
Recommended spraying distance	17 - 21 cm	10 - 15 cm
Air consumption	290 Nl/min	430 Nl/min

2) 5500 SERIES

Product Name	Nozzle	P/N
SATA-5500 RP	1.2 I	1061556
	1.3 I	1061564
	1.4 I	1061572
	1.2 O	1061598
	1.3 O	1061605
	1.4 O	1061613
	1.3CC	1174573
SATA-5500 RP DIGITAL	1.2 I	1061647
	1.3 I	1061697
	1.4 I	1061788
	1.3 O	1061803
	1.4 O	1061829
	1.3CC	1185893
SATA-5500 HVLP	1.2 I	1061902
	1.3 I	1061887
	1.4 I	1061910
	1.2 O	1061936
	1.3 O	1061944
	1.4 O	1061960
SATA-5500 HVLP DIGITAL	1.3 I	1062025
	1.3 O	1062124

I Type Linear pattern – Narrow dry zone, improved precision, reduced coating thickness compared to "O" nozzle or conventional nozzles.
O Type Oval pattern – Wide dry zone, improved work speed (wet core), increased coating thickness per coat compared to "I" nozzle.

ACCESSORIES

1) PAINT CUP

Product Name	Specification	P/N
SATA-CUP (PVC)	0.125L	197541
	0.3L	120675
	0.6L (Thread X)	27243
	0.6L (Thread O)	1004960
SATA-CUP (AL)	0.75L (Thread X)	137729
	0.75L (Thread O)	1013432
	1.0L	96685

PVC

Aluminum

2) PRESSURE GAUGE

Product Name	Type	P/N
SATA Analog Gauge	Analog	27771
SATA Adam2	Digital	211540

Analog Gauge

Digital Gauge(Adam2)

EQUIPMENT & FACILITIES

Mini shaker-Rotogen

1) Small mixer for paint under 1L, optimized for use with disposable cups like PPS™ and SPS
2) Ensures uniform mixing, preventing color defects caused by insufficient stirring
3) Improves work efficiency

PRODUCT SPECIFICATIONS

Size	270 x 320 x 310 mm (10.63 x 12.6 x 12.2 in)
Weight	Approx. 14.5kg (32lbs)
Power Supply	230V AC/ 50-60Hz / 60VA
Speed	320rpm

APPLICATION

Mixing Capacity	Max 1.3 kg (Volume 50 ml-1000 ml) ※ Maximum container diameter: 11 cm (4.33 inches)
Standard Container	SUMIX 1L Can ※ With standard adapter attached 3M™ PPS™ 650ml, 850ml / SPS 650ml, 850ml
Mixing Time	Varies by paint type (SUMIX tinter: 1m 30s recommended)

SARTORIUS Entris®II

1) Precision electronic scale capable of measuring from fine tinting work up to 4.2 kg (9.26 lbs)
2) Laboratory-grade scale for maximum accuracy
3) Versatile connectivity: Can be connected to a PC and used with the COLOR-NAVI program

PRODUCT SPECIFICATIONS

Size	219 x 317 x 94 mm (8.62 x 12.48 x 3.7 in) Pan Size: 182 x 182 mm (7.17 x 7.17 in)
Weight	4.6kg (10 lbs)
Power Supply	100-240v 50/60Hz
Measurement Range	0.01g-4,200g

Paint Shaker – V100

1) Gyromixing system for superior mixing performance
2) Convenient one-touch locking mechanism
3) Practical compact size

PRODUCT SPECIFICATIONS

Size	530 x 645 x 780mm (W x D x H)
Weight	Net Weight 77 kg (170 lbs), Gross Weight 85kg (187 lbs)
Power Supply	110/220V, 50/60Hz, 250W
Mixing Capacity	Volume: 0.15-5L / Diameter: 30-200mm (1.18-7.87 in) Height: 45-260mm (1.77-10.24 in)
Mixing Time	0-5min (210rpm)

Fillon™ Aquatherm

1) Black powder-free nitrile gloves with excellent durability and chemical resistance
2) Diamond-patterned embossing for a secure grip

PRODUCT SPECIFICATIONS

Size	1,600 x 1,800 x 450 mm (W x H x D)
Weight	Keeps internal temperature at 5°C~15°C with external temperature at 0°C.
Power Supply	200-250V 50/60Hz

APPLICATION

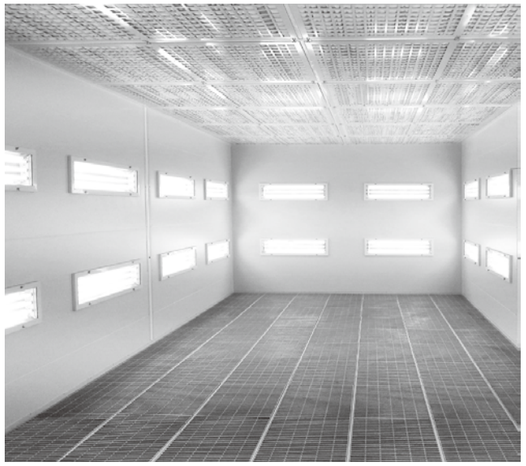
Structure	6 shelves
Caution	Bottom heating plate structure: Ensure paint is not stored directly in front of the heating plate.

Waterborne Paint Spray Booth

KCC Eco-friendly Water-borne Paint Booth - GG Class

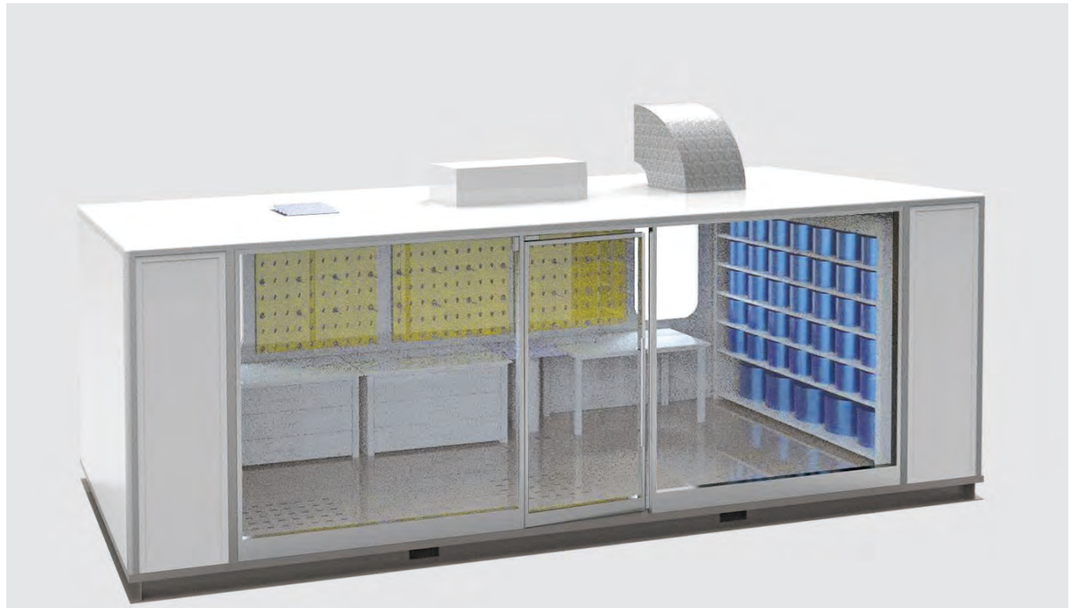
FEATURES

- Direct-fired burner maximizes efficiency for waterborne painting
- PID* control reduces fuel consumption and shortens working time
  (*Proportional-Integral-Derivative)
- Increased productivity due to reduced working time
- Dual insulation panels minimize heat loss
- Aluminum frame and corner molding prevent corrosion
- Illuminance of over 1000 Lux (30W x 3 lamps, 20 sets)
- Folding 4-door design minimizes turning radius, maximizing space utilization
- Equipped with safety sensors (overheat protection, wind pressure)
- Ceiling filter can be easily replaced by a single person using hinged ceiling case
- Perforated/mesh floor ensures uniform airflow
- Full grating design



KCC Portable Paint Mixing Room

Easy Installation

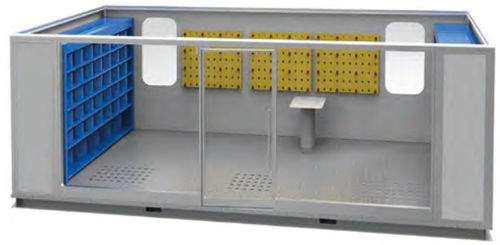


FEATURES

- Polyurethane panels & aluminum frame structure, high-quality curved molding finish
- Lighting intensity over 1000Lux (32W x 3 bulbs, 6 sets)
- Highly corrosion-resistant GI perforated floor plates
- Structure allowing movement by forklift
- Upward air circulation system

COMPONENTS

- Perforated plate for wall sample mounting
- Scale stand
- HVAC (Heating, Ventilation, and Air Conditioning)
- Ventilation fan
- LED lights
- Work table (optional, paid)



SPECIFICATIONS OF THE MAIN BODY

Category		Specification
Dimension	External	2,350(W) x 6,000(L) x 2,400(H) mm 92.52(W) x 236.22(L) x 94.49(H) in
	Internal	2,250(W) x 5,900(L) x 2,150(H) mm 88.58(W) x 232.28(L) x 84.65(H) in
	Door	900(W) x 2,100(H) mm 35.43(W) x 82.68(H) in / Tempered Glass Swing Door
SATA-5000 HVLP		50mm Polyurethane Panel & Galvanized Steel Plate
Frame Structure		Extruded Aluminum Frame
Base		GI Steel Plate (Adjustable Structure for Leveling)

Tinting System Automatic Dispenser - CR6

What is an Automatic Dispenser?

CONVENTIONAL WORK FLOW vs **AUTOMATIC DISPENSER**

CONVENTIONAL WORK FLOW

Previously, the paint was manually produced by referring to the mixing formula chart.

01 Search the mixing formula (via website /CCM/Color book) → **02** Pick up the toners listed in the formula from the mixing machine → **03** Weigh the toners while referring to the formula → **04** Arrange the picked toners back into the mixing machine → **05** Repeat for each formula

WITH AUTOMATIC DISPENSER

The formula searched via PC (CCM, website, etc.) is sent to the machine, and the toners are automatically dispensed to produce the paint.

01 Search the mixing formula (via website /CCM/Color book) → **02** Send the formula to CR6 and issue production command → **03** Production Complete

CR6 SPECIFICATIONS

Canisters	96EA (16EA × 6 sets)
Dimensions	Width 338cm (133.1 in) ▶ Main body 245cm(96.5 in) + Conveyor 93cm(36.6 in)
	Height 162cm (63.8 in)
	Depth 88cm (34.6 in)
Voltage	220V
Weight	1,200kg (2,645.5 lbs)
Installation Note	Site inspection and verification required before installation
Connection	Wireless internet compatible

Waterborne Paint Spraygun Washer

FEATURES

Automatic Washing mode

Section	Detailed Description
1. Upper Part	High-pressure nozzles applied (3 units)
2. Lower Part	Paint bucket washing nozzles and internal washing nozzles applied
3. Timer	Wash time adjustable by timer according to the level of spray gun contamination (up to 60 minutes)
4. Stand	Spray gun stand

Quick Washing mode

The operation switches are installed at the upper part, enhancing work convenience

Equipped with a quick-wash valve and adapter for direct cleaning solution spraying

COMPONENTS

Water tank for cleaning (1 EA) · 1st stage filter tub (1 EA) · 2nd stage filter tub (1 EA) · Adapter for spray gun cleaning · Spray gun fixing clip · Air hose (1 EA)

1st stage filter (3 EA) · 2nd stage filter (2 EA) · Spray gun stand (1 EA) · Air gun (1 EA) · Air gun hook (2 EA) · Dual pump

DEVICE SPECIFICATIONS

Category	Specification	Features
Weight	90 Kg (198lbs)	1) All operations powered by air (no electricity required) 2) Automatic washing and rinsing for water-based spray guns 3) Minimizes water usage during washing 4) Built-in timer function 5) Compatible with all commercially available and in-use spray guns 6) Powder-coated case to prevent rust 7) Stainless steel tub material applied
Height	1,500mm (59in)	
Width	620mm (24in)	
Depth	720mm (28in)	
Water Capacity	20L (5gal)	
Air Gun	1 pcs	
Required Air Pressure	6-15 Bar (87-217psi)	

03

KCC NETWORK

THE KCC IS A GLOBAL COMPANY ENTERING THE GLOBAL MARKET BESIDES THE DOMESTIC MARKET.

KCC is a global enterprise with extensive Production & Sales Networks.

We have a total of thirty-five subsidiaries in twelve countries and a total of forty-two Momentive subsidiaries across twenty countries.

NETWORK
DOMESTIC

1. Headquarters
(Business Management, Product Sales)

2. KCC Central Research Institute
(Research & Development)

3. Daejuk Gypsum Board Plant
(Gypsum board, gypsum tex, gypsum bond)

4. Anseong Plant
(Coatings, EMC, PVC Windows)

5. Munmak Plant
(Glass Wool)

6. Sejong Plant
(Fiberglass)

7. Gimcheon
(Glass Wool, Mitone)

8. Jeonju Building Materials Plant
(PVC Windows, AM, DCB)

8. Jeonju Painting Plant
(Coatings (decorative, powder), resin, EMC)

9. Yeocheon Plant
(Gypsum board)

10. Ulsan Plant
(Coatings)

9 PLANTS

19 BUSINESS OFFICES

5 MAJOR PARTNERS

KCC GLASS Corporation,
KCC Engineering & Construction Co., Ltd.,
KCC Silicone Corporation, Keumkang Leisure,
Momentive Performance Materials

*As of May 2023

Refinish Training Center(RTC)
· KCC Central Research Institute
· Anseong Plant

NETWORK OVERSEAS

35 KCC SUBSIDIARIES IN 12 COUNTRIES

42 MOMENTIVE SUBSIDIARIES IN 20 COUNTRIES

*As of May 2023

KCC (Kunshan) Co., Ltd.
Container coatings, marine coatings, plant coatings, automotive coatings, general industrial coatings, PCM coatings, decorative coatings

KCC (Guangzhou) Co., Ltd.
Container coatings, general industrial coatings, PCM coatings, plastic coatings, plant coatings, automotive coatings, decorative coatings

KCC (Chongqing) Co., Ltd.
Plant coating, automotive coating, general industrial coating, PCM coating, decorative coating, plastic coating

KCC Chemical (Tianjin) Co., Ltd.
Container coatings, plant coatings, marine coatings, PCM coatings, automotive coatings, decorative coatings, general industrial coatings

KCC Paint (India) Pvt. Ltd.
Decorative coatings, automotive coatings, general industrial coatings, PCM coatings, refinish coatings, plant coatings

KCC Paints Sdn. Bhd.
(Malaysia) Decorative coatings

KCT KCC Boya Sanayi
Ve Ticaret Ltd. Sti. (Türkiye) Marine coatings, automotive coatings, PCM coatings, powder coatings, refinish coatings, industrial coatings, decorative coatings

KCV KCC (Vietnam) Co., Ltd.
Decorative coatings, marine coatings, plant coatings, automotive coatings, general industrial coatings, PCM coatings

KCC (Ha Noi) Co., Ltd.
Automotive coating, plastic coating, decorative coating, PCM coating, powder coating, general industrial coating

KCC (Vietnam Nhon Trach) Co., Ltd.
AM, DCB

KCC International Paints Co., Ltd.
Powder coatings

Momentive Performance Materials Inc.
Siloxane, Silicone

KCC Texas Color Center
Automotive Refinish Paints Color Lab, Training

AUTOFINISH

BAROMATCH

SUMIX

COLOR-NAVI

COLOR-NAVI Plus