

It is a water-soluble one-pack type base coat for automobile repair using special acrylic urethane resin. It is composed of color, metallic, pearl coloring agent and base clearer. It is applicable to passenger cars and commercial vehicles. It is an environmentally friendly product. It is very possible to cope with domestic and foreign environmental regulations compared to this solvent type base coat.






















<b>Recommended use</b>	Automotive repair basecoat paint
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<b>Physical Properties</b>	
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<b>VOC content</b>	Up to 450 g/L
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<b>Application details</b>	
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<b>Preceding coat</b>	<ul style="list-style-type: none"> <li>▪ When applying the surfacer coating (UU3000, PRIME SURFACER, WS2000), apply the SUPER-PUTTY to the sheet metal part with heavy irregularity and apply the middle part</li> <li>▪ If the sheet metal surface is EGI, apply PRIME PUTTY. Apply the WASH PRIMER VP1100 to the area where the steel plate is exposed.</li> <li>▪ In case of PP, apply BUMPER PRIMER RP3000 (S/C/Gray).</li> </ul>
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<b>Method of application</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 15%; text-align: center;">Surface Preparation</td> <td style="width: 10%; text-align: center;"></td> <td colspan="3">Apply P600 abrasive paper for dry polishing.</td> </tr> <tr> <td></td> <td style="text-align: center;"></td> <td colspan="3">1) Clean the surface thoroughly with degreasing agent (ZY0950) and dry thoroughly. 2) Before painting, remove any dust or dirt that has not been removed using Tack rag.</td> </tr> <tr> <td style="text-align: center;">Mix with SUMIX</td> <td style="text-align: center;"></td> <td colspan="3">1) Operate and stir the mixing machine before use. 2) After weighing in a plastic container, use a spatula to stir well enough to mix well. 3) Do not leave it in the weighing condition and stir immediately.</td> </tr> <tr> <td style="text-align: center;">Dilution ratio</td> <td style="text-align: center;"></td> <td colspan="3">Base (SUMIX) : Thinner (K040) = 100 : 10 ~ 20</td> </tr> <tr> <td style="text-align: center;">Mixed viscosity</td> <td style="text-align: center;"></td> <td colspan="3">Ford cup#4, 27 ~ 33 sec (25°C)</td> </tr> <tr> <td style="text-align: center;">Number of paintings / thickness</td> <td style="text-align: center;"></td> <td colspan="3">1) Solid Color : 2 single coats, Wet - Wet 2) Metallic Color : 3 single coats, Wet - Wet - Mist (When wet film is 100%, Mist means about 10 ~ 20%) ※ If the hiding power is weak colors, we recommend one more painting.</td> </tr> <tr> <td style="text-align: center;">Painting</td> <td style="text-align: center;"></td> <td colspan="3"> <table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="4">1) Workshop temperature 18 ~ 25 °C , humidity 30~70%</td> </tr> <tr> <td style="width: 25%;"><b>Spray gun</b></td> <td style="width: 25%;"><b>SATAjet 3000 B HVLP</b></td> <td style="width: 25%;"><b>SATAjet 4000 B HVLP</b></td> <td style="width: 25%;"><b>SATAjet 5000 B HVLP</b></td> </tr> <tr> <td></td> <td><b>Nozzle: WSB</b></td> <td><b>Nozzle: WSB</b></td> <td><b>Nozzle: WSB</b></td> </tr> </table> </td> </tr> </table>				Surface Preparation		Apply P600 abrasive paper for dry polishing.					1) Clean the surface thoroughly with degreasing agent (ZY0950) and dry thoroughly. 2) Before painting, remove any dust or dirt that has not been removed using Tack rag.			Mix with SUMIX		1) Operate and stir the mixing machine before use. 2) After weighing in a plastic container, use a spatula to stir well enough to mix well. 3) Do not leave it in the weighing condition and stir immediately.			Dilution ratio		Base (SUMIX) : Thinner (K040) = 100 : 10 ~ 20			Mixed viscosity		Ford cup#4, 27 ~ 33 sec (25°C)			Number of paintings / thickness		1) Solid Color : 2 single coats, Wet - Wet 2) Metallic Color : 3 single coats, Wet - Wet - Mist (When wet film is 100%, Mist means about 10 ~ 20%) ※ If the hiding power is weak colors, we recommend one more painting.			Painting		<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="4">1) Workshop temperature 18 ~ 25 °C , humidity 30~70%</td> </tr> <tr> <td style="width: 25%;"><b>Spray gun</b></td> <td style="width: 25%;"><b>SATAjet 3000 B HVLP</b></td> <td style="width: 25%;"><b>SATAjet 4000 B HVLP</b></td> <td style="width: 25%;"><b>SATAjet 5000 B HVLP</b></td> </tr> <tr> <td></td> <td><b>Nozzle: WSB</b></td> <td><b>Nozzle: WSB</b></td> <td><b>Nozzle: WSB</b></td> </tr> </table>			1) Workshop temperature 18 ~ 25 °C , humidity 30~70%				<b>Spray gun</b>	<b>SATAjet 3000 B HVLP</b>	<b>SATAjet 4000 B HVLP</b>	<b>SATAjet 5000 B HVLP</b>		<b>Nozzle: WSB</b>	<b>Nozzle: WSB</b>	<b>Nozzle: WSB</b>
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environment		Gauge pressure	1.6±0.1bar	1.6±0.1bar	1.6±0.1bar
		Discharge rate	1.6bar: 2 turns open 1.8~2.0bar: full open	1.6bar: 2 turns open 1.8~2.0bar: full open	1.6bar: 1&3/4 turns open 1.8~2.0bar: full open
Flash time		The level at which the painting surface becomes non-bright every time, About 2 ~ 3 minutes (20 °C, humidity 50%, DRY JET)			
Drying		After leaving for 15 ~ 20 minutes, Clear-coat after painting (Temperature 20 °C, Humidity 50 % conditions) ※ Forced drying 60 °C, 5 minutes			

Subsequent Coat	7500 HS Clear, 7200 HS Clear, 5200 HS CLEAR, 5300 HS CLEAR, PRIME PLUS CLEAR
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### Storage and package

Storage	Please observe the storage temperature 5 ~ 35 °C in no direct sunlight and use plastic container to corrosion.
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### Remarks

Note	<p>a. If the coating is applied alone, the performance of the coating can not be exhibited.</p> <p>b. When repainting, do not completely remove the pre-coated coating or thoroughly dry it before repainting.</p> <p>c. Do not store for too long because of the possibility of sedimentation of the pigment when using the specified thinner(K040) and mixed paint.</p> <p>d. Please read and understand MSDS before use and wear protective equipment to avoid contact with skin and eyes and keep out of reach of children.</p> <p>e. Please wash immediately after use, we recommend using only water-soluble washing machine.</p> <p>f. Apply K040 thinner for the first cleaning and K050 gun cleaner for the final cleaning, and dry thoroughly before storing or reusing.</p> <p>g. This product can be used to guarantee the quality when using the paint of our system and working in accordance with the recommended conditions.</p>
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1'st issue	2015-01-01
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Revision	
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Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

