

# Process Information

## Paint system DIAMONT Nissan GT-R

### Process description

R-M Procedure DIAMONT. Special paint system for the Nissan GT-R, colour KAB

### Substrates

- original OEM paint Nissan

### Required products

- PK 700 / PK 900 / PK 1000
- EUROXY CP
- Ground coat
- Blending clear
- DIAMONT KAB colour
- SUPREME LUX CP

### Safety instructions

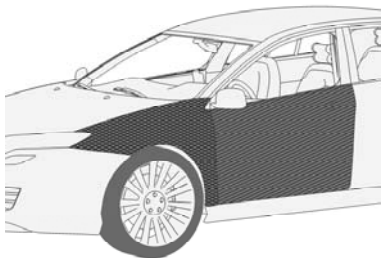
It cannot be ruled out that these products contain particles < 0.1 µm.

The products are suitable for professional use only.

For the use of these products please adhere to the actual safety recommendations and the personal protective equipment.

### Edge to edge repair

#### 1.1 Application of surfacer / Pre-treatment

	<p>Clean with PK 700 or PK 900. Sand (steel with P80, aluminium with P150-P180, galvanised steel and old paintwork with P240). Clean with PK 1000.</p> <p>Apply EUROXY CP according to EUROXY CP technical information. Apply EUROXY CP for excellent durability performance.</p> <ol style="list-style-type: none"><li>1) Sand surfacer with a dual action sander P500.</li><li>2) Sand with dual action sander P600 to cover the sanding mark of P500.</li><li>3) Sand with dual action sander P800 to cover the sanding mark of P600.</li><li>4) Sand with dual action sander P1000 to cover the sanding mark of P800.</li><li>5) Degrease with PK700</li></ol>
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### Note:

- If the rough surface of primer filler remains, it will result in a scaly appearance
- If the sand-scratch marks of P500, P600 or P800 remains, it will affect the surface quality by mottling or telegraphing the sand-scratches
- Use guide coat prior to sanding to avoid over sanding.
- Use guide coat prior to sanding, then sand until it disappears in order to confirm that the sanding mark of the prior process does not remain.
- Use soft inter face pad for orbital sander.

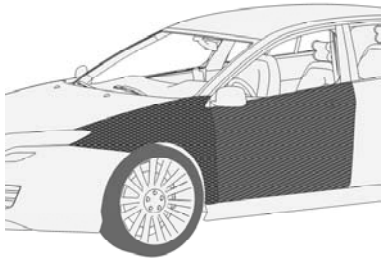
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R-M Automotive Refinish Paints, Z.I. du Merret F-60676 Clermont de l'Oise Cedex, Tel. +(33) (0) 3 44 77 77 77, 02/2013

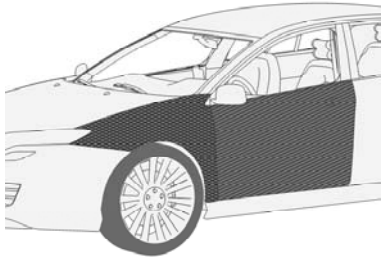
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## Paint system DIAMONT Nissan GT-R

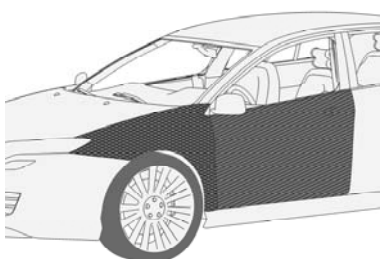
### 1.2 Application of ground coat

	<b>Formulation of ground coat:</b>	
	BC 020	8.7 g
	BC 201	10.1 g
	BC 190	92.3 g
	H 9000	5.0 g
	BC 020	53.0 g
	100% by vol. }	
	5% by vol.	
	60% by vol.	
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	1 wet
	<b>Pressure:</b>	2.0 bar
	<b>Flash-off:</b>	15 min. at 20°C
	For ground coat, apply wet coat to avoid generating peel on the surface. Allow the total dry time to expire in order to avoid creating a scaly surface.	

### 1.3 Application of blending clear

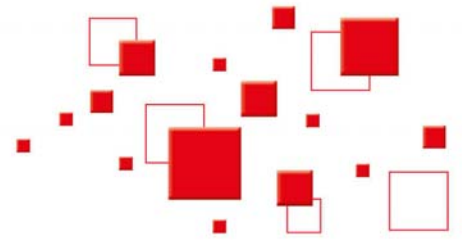
	<b>Formulation of blending clear:</b>	
	BC 100	100% by vol.
	H 9000	5% by vol.
	BC 020	150% by vol.
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	1 wet
	<b>Pressure:</b>	2.0 bar
	<b>Drying:</b>	15 min. at 60°C
	For ground coat, apply wet coat to avoid generating peel on the surface. After dry time has expired allow part to cool to room temperature before applying KAB base coat.	

### 1.4 Application of KAB colour

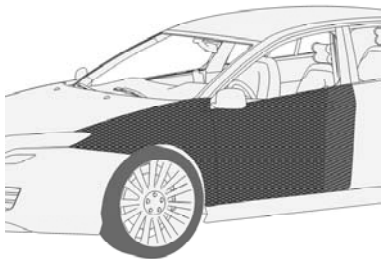
	<b>Formulation of KAB:</b>	
	KAB-colour	100% by vol.
	H 9000	5% by vol.
	BC 020	150% by vol.
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	5 – 6 flash off until mat after each coat
	<b>Pressure:</b>	2.0 bar
	<b>Drying:</b>	15 min. at 60°C
	For KAB base coat, apply medium coat. Apply 2 – 3 mist coats after hiding has been achieved. Allow the total dry time to expire in order to avoid creating a scaly surface.	

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## Paint system DIAMONT Nissan GT-R



### 1.5 Application of SUPREMELUX CP

	<b>Mixing ratio:</b>	<b>SUPREMELUX CP</b>	300% by vol.
		<b>H 420</b>	100% by vol.
		<b>SC 820</b>	100% by vol.
	<b>Spray gun:</b>	1.4 – 1.5 mm HVLP	
	<b>Application:</b>	1 – 2	
	<b>Drying:</b>	30 min. at 60°C	
	On a vertical surface, apply 1 normal coat followed by a wet coat		
	On a horizontal surface, apply 2 coats to ensure a smooth surface.		
	The drying time is 60°C (surface temperature) 30min.		

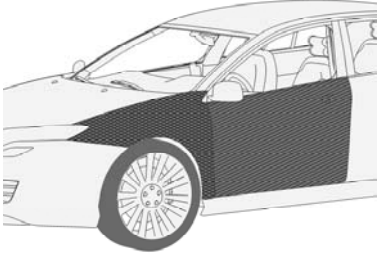


# Process Information

## Paint system DIAMONT Nissan GT-R

### Spot-Repair

#### 2.1 Application of surface / Pre-treatment

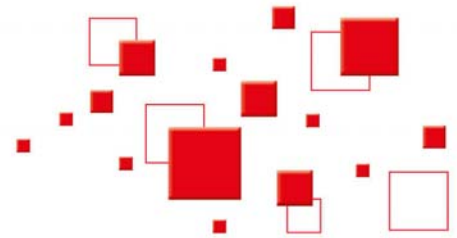
	<p>Clean with PK 700 or PK 900. Sand (steel with P80, aluminium with P150-P180, galvanised steel and old paintwork with P240). Clean with PK 1000.</p> <p>Apply EUROXY CP according to EUROXY CP technical information. Apply EUROXY CP for excellent durability performance.</p> <ol style="list-style-type: none"><li>1) Sand surfacer with a dual action sander P500.</li><li>2) Sand with dual action sander P600 to cover the sanding mark of P500.</li><li>3) Sand with dual action sander P800 to cover the sanding mark of P600.</li><li>4) Sand with dual action sander P1000 to cover the sanding mark of P800.</li><li>5) Degrease with PK700</li></ol>
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#### Note:

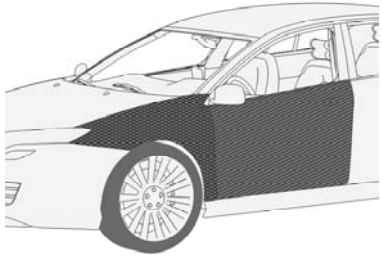
- If the rough surface of surfacer remains, it will result in a scaly appearance.
- If the sand-scratch marks of P500, P600 or P800 remains, it will affect the surface quality by mottling or telegraphing the sand-scratches.
- Use guide coat prior to sanding to avoid over sanding.
- Use guide coat prior to sanding, then sand until it disappears in order to confirm that the sanding mark of the prior process does not remain.
- Use soft inter face pad for orbital sander

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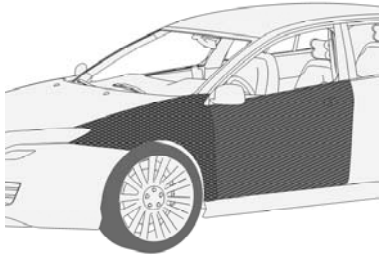
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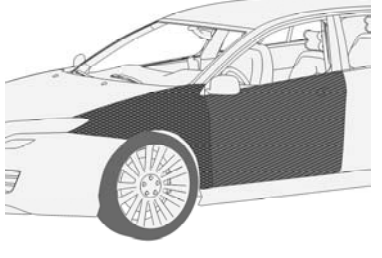
### 2.2 Application of blending clear (1)

	<b>Formulation blending clear:</b>	
	BC 100	100% by vol.
	H 9000	5% by vol.
	BC 020	150% by vol.
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	1 wet
	<b>Pressure:</b>	2.0 bar
	<b>Drying:</b>	15 min. at 60°C
	For blending clear, apply wet coat. After dry time has expired allow part to cool to room temperature before applying KAB base coat	

### 2.3 Application of KAB colour (1)

	<b>Formulation of KAB:</b>	
	KAB-colour	100% by vol.
	H 9000	5% by vol.
	BC 020	60% by vol.
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	3 – 4 flash off until mat after each spray coat
	<b>Pressure:</b>	1,0 – 1,5 bar
	For KAB base coat, apply medium coat. Apply 2 – 3 mist coats after hiding has been achieved. Allow the total dry time to expire in order to avoid creating a scaly surface.	

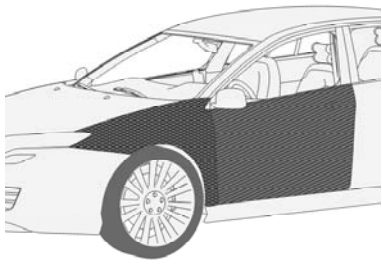
### 2.4 Application of blending clear (2)

	<b>Formulation blending clear:</b>	
	BC 100	100% by vol.
	H 9000	5% by vol.
	BC 020	150% by vol.
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	1 wet
	<b>Pressure:</b>	2.0 bar
	<b>Flash-off:</b>	/
	Before the mist coat of KAB base coat, apply a wet coat of blending clear on the blending area to avoid overspray mist.	

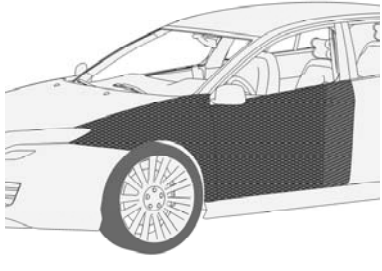
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## Paint system DIAMONT Nissan GT-R

### 2.5 Application of KAB colour (2)

	<b>Formulation of KAB :</b>	
	KAB-colour	100% by vol.
	H 9000	5% by vol.
	BC 020	60% by vol.
	<b>Spray gun:</b>	1.5 mm HVLP
	<b>Application:</b>	2 – 3 flash off until mat after each coat
	<b>Pressure:</b>	0.8 – 1.5 bar
	<b>Drying:</b>	15 min. at 60°C

### 2.6 Application of SUPREMELUX CP

	<b>Mixing ratio:</b>	
	<b>SUPREMELUX CP</b>	300% by vol.
	H 420	100% by vol.
	SC 820	100% by vol.
	<b>Spray gun:</b>	1.4 – 1.5 mm HVLP
	<b>Application:</b>	2
	<b>Drying:</b>	30 min. at 60°C
	On a vertical surface, apply 1 normal coat followed by a wet coat On a horizontal surface, apply 2 coats to ensure a smooth surface. The drying time is 60°C (surface temperature) 30min.	