

## BLEND'ART

### Blend-in repair with DIAMONT, fading out on the adjacent panel

#### A 3.3

#### Process description

BLEND'ART is a universally suitable system of three processes, providing solutions for all types of blend-in repairs. This process for blend-in repairs with DIAMONT, fading out on the adjacent panel, has been developed for professional refinishing centers. The goal is to reliably achieve invisible repairs for all shades of the color range.

#### Substrates

- R-M fillers
- Automotive OEM finishes, fully cured and solvent-resistant
- Refinishes, fully cured and solvent-resistant

#### Products required

- PK 700 or PK 2000
- DIAMONT
- DIAMONT BLENDER
- BC 020 or BC 030
- BC 101
- CHRONOTOP
- H 9000

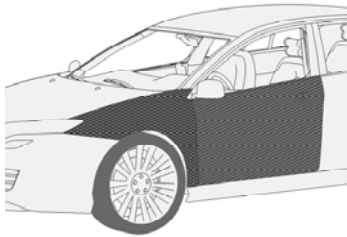
#### Safety instructions

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.

#### Pre-treatment

	<p>1) Filler sanding Degrease with PK 700 or PK 2000. Sand with P400.</p> <p>2) Sanding of DIAMONT blending area Sand with P2000 or with a sanding pad soaked with PK 700 or PK 2000. Degrease with PK 700 or PK 2000.</p>
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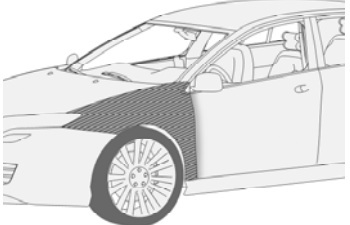
R-M Automotive Refinish Paints, Z.I. du Merret F-60676 Clermont de l'Oise Cedex, Tel. (+33) (0) 3 44 77 77 77, 12/2014

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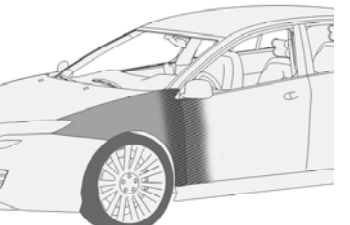
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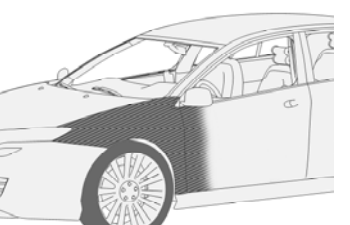
#### 1) 1<sup>st</sup> coat of DIAMONT

	<b>Mixing ratio:</b>	<b>DIAMONT</b>	100% by vol.
		<b>BC 020 or BC 030</b>	60% by vol.
	<b>Spraygun:</b>	1.3 – 1.5 mm	
	<b>Pressure:</b>	2.0 bar	
	<b>Application:</b>	1 spraycoat over the entire panel	
	<b>Flash off:</b>	Until mat	
<b>Cleaning:</b>	If required, use a tack rag to remove overspray.		

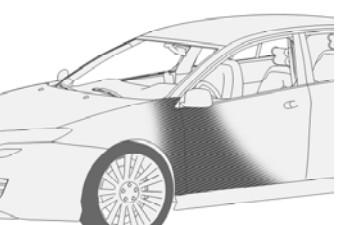
#### 2) 1<sup>st</sup> blending step

	<b>Spraygun:</b>	1.3 – 1.5 mm
	<b>Pressure:</b>	0.8 – 1.5 bar, depending on color
	<b>Application:</b>	Along the edges of the repaired and the adjacent panel.
	<b>Flash-off:</b>	None

#### 3) 2<sup>nd</sup> coat of DIAMONT

	<b>Spraygun:</b>	1.3 – 1.5 mm
	<b>Pressure:</b>	2.0 bar
	<b>Application:</b>	1 spraycoat over the repaired panel.
	<b>Flash-off:</b>	Until mat
	<b>Cleaning:</b>	If required, use a tack rag to remove overspray.

#### 4) Blending into the adjacent panel

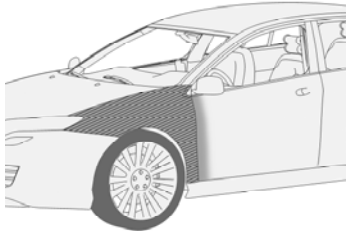
	<b>Mixing ratio:</b>	<b>Mix A: DIAMONT BLENDER</b>	100% by vol.
		<b>BC 020 or BC 030</b>	60% by vol.
		<b>Mix A</b>	100% by vol.
		<b>DIAMONT RFU*</b>	100% by vol.
	<b>Spraygun:</b>	1.3 – 1.5 mm	
	<b>Pressure:</b>	0.8 – 1.5 bar, depending on color	
	<b>Application:</b>	2 – 3 fine coats, fading out	
	<b>Flash off:</b>	Until mat	
	* RFU = ready for use		

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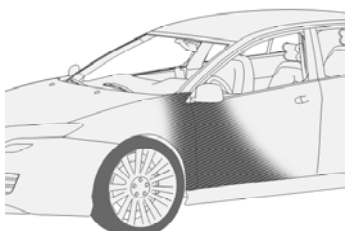
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#### 5) Effect coat of DIAMONT

	<p><b>Spraygun:</b> 1.3 – 1.5 mm <b>Pressure:</b> 2 bar <b>Application:</b> 1 fine spraycoat over the repaired panel <b>Flash off:</b> Until mat</p>
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#### 6) Clear

	<p><b>Mixing ratio:</b> CHRONOTOP 100% by vol. H 9000 25% by vol. BC 020 25% by vol.</p> <p><b>Spraygun:</b> 1.3 – 1.5 mm <b>Pressure:</b> 2.0 – 2.5 bar <b>Application:</b> 2 spraycoats <b>Flash off:</b> 5 minutes between the coats <b>Drying:</b> 15 min. at 60°C or 8 min. IR at 100%</p>
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