

BLEND'ART

Repairing minor paintwork damage with DIAMONT

A 3.1

Process description

BLEND'ART is a universally suitable system of three processes, providing solutions for all types of blend-in repairs. This method of repairing minor paintwork damage with DIAMONT has been developed for professional refinish centers. The goal is to reliably achieve invisible repairs for all shades of the color range. We recommend using this refinishing method on vertical surfaces. When repairing colors formulated mainly with aluminum and special effect pigments, we advise against using this method in the middle of upper visible surfaces.

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
- BLENDING FLASH

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.

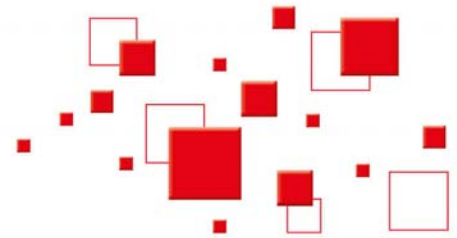
Pre-treatment

	<ol style="list-style-type: none">1) Sanding of filler area Degrease with PK 700 or PK 2000. Sand with P800 – P1200.2) Sanding of DIAMONT blending area Sand with P2000 or with a sanding pad soaked with PK 700 or PK 2000.3) Polishing of CHRONOTOP melt-in zone Polish with any standard fine polishing compound + moist, medium-hard sponge. Degrease with PK 700 or PK 2000.
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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, 12/20104



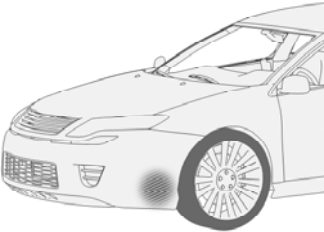


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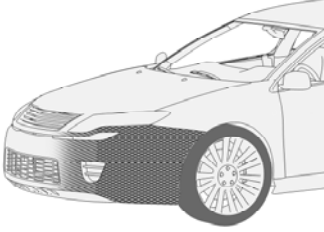
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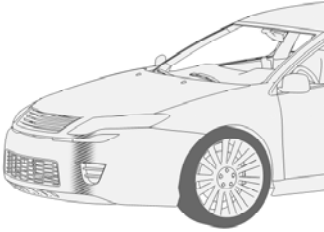
1) DIAMONT: application and blending into the adjacent area

	Mixing ratio:	DIAMONT	Option 1	Option 2*
		DIAMONT BLENDER	50% by vol.	50% by vol.
		BC 101	/	10% by vol.*
		BC 020 or BC 030	60% by vol.	50% by vol.
	Spraygun:	mini HVLP 1.0 mm		
	Pressure:	0.8 – 1.5 bar, depending on color		
	Application:	4 – 6 fine spraycoats, fading out		
Flash-off:	After each coat until mat. Possibility to speed up the process with additional air flow after each coat.			
Cleaning:	Use a tack rag to remove overspray after each coat.			
<i>* The addition of BC 101 can help achieve a better result when repairing gold or silver colors or colors containing at least 75% of an aluminum mixing base.</i>				

2) Clear

	Mixing ratio:	CHRONOTOP	100% by vol.
		H 9000	25% by vol.
		BC 020	25% by vol.
	Spraygun:	mini HVLP 1.0 mm	
	Application:	2 spraycoats	
Flash off:	none		

3) BLENDING FLASH

	Mixing ratio:	BLENDING FLASH	RFU
	Spraygun:	mini HVLP 1.0 mm	
	Application:	2 – 3 spraycoats to melt in the CHRONOTOP fade-out area.	
	Drying:	15 min. at 60°C	