

# Mit P62 - Red Diamond Autowave 2.0

FOR PROFESSIONAL USE ONLY

## Definition and description



Mitsubishi P62 Diamond Red is a 3 stage basecoat system consisting of different layers creating a special color effect.

- Basecoat Ground-coat color
- Basecoat Mid-coat color
- Clearcoat

## Color check by spray out samples

The right amount of Mid-coat layers needs to be determined by producing a number of color spray-out samples. The color depends on the Ground-coat color and number of coats applied of the Mid-coat color.

Distribute and apply the spray-out panels according to the following matrix:

1. Apply the Ground-coat color until hiding on all panels according to the TDS application of Autowave.
2. Flash off in between layers
3. Leave to flash off for 15-20 minutes @20°C minutes before the Mid-coat application (or raise temperature 5-10 minutes up to 60°C)
4. Apply 2, 3, and 4 layers of the Mid-coat color to the panels. (note # of layers on the back of the panels)

Create a set of sprayout panels as below:

Apply Ground coat Until hiding + Drop-coat	2 coats RM midcoat	3 coats RM midcoat	4 coats RM midcoat

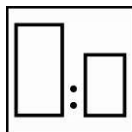
5. Allow for 15-20 minutes flash-off time at 25°C prior to clearcoat application.
6. Mask half of the panels to be left unpainted for checking the color during application on the car.
7. Apply clearcoat according to TDS of clearcoat used.

The painter can determine the right color match by use of these color samples.

- Number each panel, indicating the number of foundation and effect coats on the panel.

Note:

- Do not spray panels separate from each other
- Allow to flash off in between coats
- Apply the same way on the vehicle as applied on the spray-out panels
- Before clear-coat application, mask half of the panel leaving one half of the panel without clearcoat, this to check color inbetween coats with the un-cleared half.



### Mix Ground-coat

100 parts by volume MIT P62 Ground-coat  
 10-20 parts by volume Activator WB

### Mix Mid-coat

100 parts by volume MIT P62 Mid-coat  
 20-30 parts by volume Activator WB



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**Check Spray-out panels and choose the panel closest to the repair.**

		<p>Check spray-out panels close to the repair and determine the amount of Mid-coat layers needed for imitating the OEM color.</p>
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**Surface preparation**

Prepare Filler/OEM as normal for any basecoat color

**Filler area**



Final sanding step P500-P600

- Initial sanding steps may be executed with a coarser sanding grit; P360 - P400
- Respect a maximum 100 sanding grit step difference or less throughout the sanding procedure.
- For detailed surface preparation see TDS S8.06.02

**Blending area (OEM)**



Final sanding step P1000

- Initial sanding steps may be executed with a coarser sanding grit P600 - P800
- Respect a maximum 200 sanding grit step difference or less throughout the sanding procedure.
- For detailed surface preparation see TDS S8.06.02

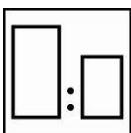
		<p>Surface cleaning: remove contamination using an appropriate surface cleaner. And tack rag prior to painting the Ground-coat</p> <p>Picture 1 – Prepared and degreased area under repair</p>
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**Repair process**



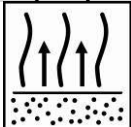
**Mix Ground-coat**

100 parts by volume MIT P62 Ground-coat  
 10-20 parts by volume Activator WB  
 -Use Sikkens measuring stick **14 Blue**

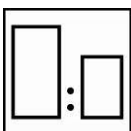


Apply Ground-coat according TDS respecting flash off times inbetween layers

**Repair process**

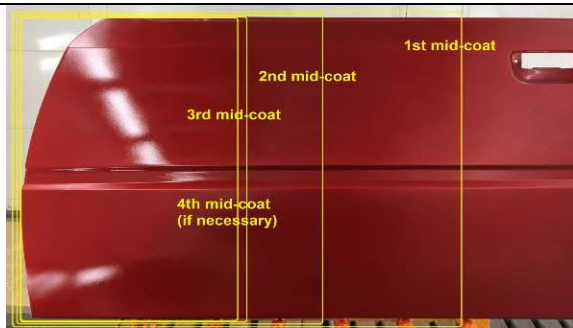


Leave to flash off for 15-20 minutes @25°C minutes before the Mid-coat application (or raise temperature 5-10 minutes up to 60°C)



**Mix Mid-coat**

100 parts by volume MIT P62 Mid-coat  
 20-30 parts by volume Activator WB  
 -Use Sikkens measuring stick **14 Blue**





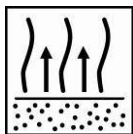
As with all 3 stage basecoat colors apply the first coat of the Mid-coat as far as possible to determine the outer border, from there work towards the Ground-coat. (outside in)  
 Leave to flash off until matt between coats.



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		<p>Check repair inbetween Mid-coats if the amount of coats applied is sufficient.</p>
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Leave to flash off for 15-20 minutes @25°C minutes before the clear-coat application (or raise temperature 5-10 minutes up to 60°C)

**Clearcoat application**

		<p>Apply clear-coat according to TDS clear-coat used.</p>
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**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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