

**RENAULT 5**

Type

Sub-section

C40 5

90

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METHODS OF APPLYING PEARL-FINISH WHITE

Basic manual : M.R. 258

"Blended-in" paintwork with all the products used by the Repair Methods Department

This note cancels and supersedes Note Technique no. 76 (77 11 080 067) of July 1986.

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed".

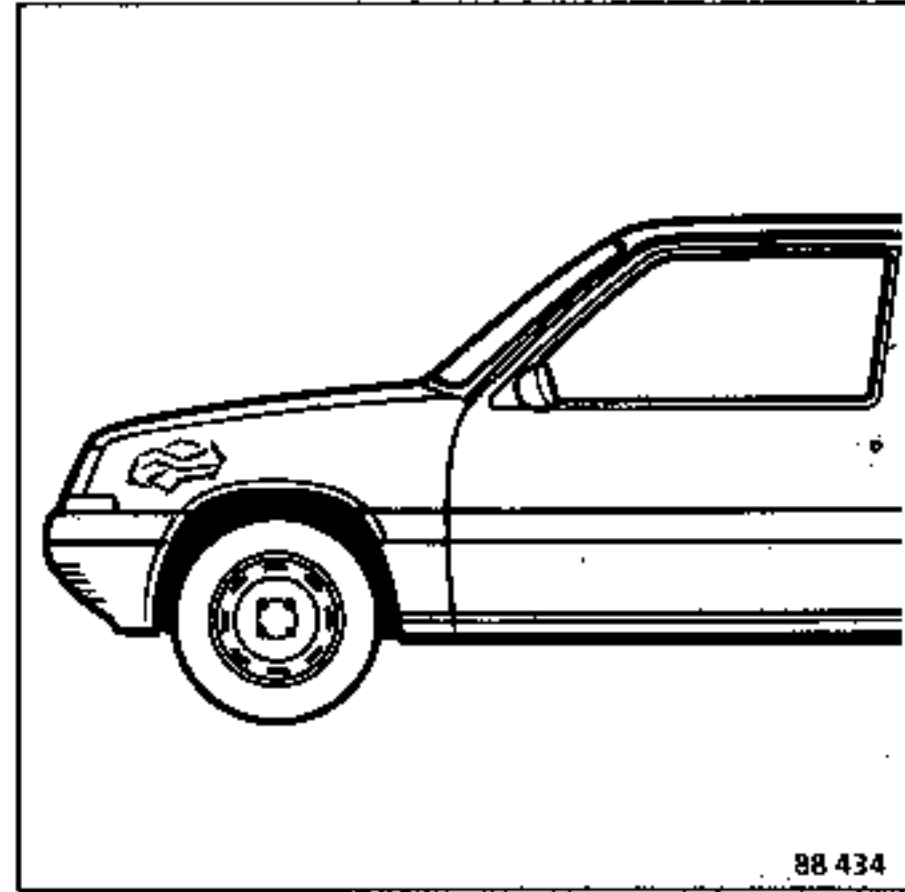
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On any panel requiring straightening, the panel beater and the painter must restrict the repairs to a minimum in order to be able to blend in the paint.

If the repairs are too extensive the panel must either be changed or completely repainted. In this case the adjacent panel will have to be prepared so that the paintwork can be graded in order to match the colour.

In both cases the same method of applying the paint is to be used, irrespective of the supplier (Verilac, Corona, Immont, Ixell etc.).



**PREPARE THE BASE IN THE CONVENTIONAL MANNER
(Surfacing protection, Finishing undercoats)**

Special features concerning pearl-finish

- Keep repairs to a minimum.
- Rub down using wet P1000 paper - essential (white base not covering sufficiently).
- Ensure that the thinning proportions and spraying pressure are correct.
- Do not use an excess of white paint.
- Select the number of pearl-finish base coats according to previously prepared sample plates (see below).

The number of pearl-finish base coats used is very important for a true colour match. When making up the sample plates (200 x 200 mm) this fact must be taken into consideration.

It is advisable to perform a number of application tests on sample plates by varying the number of pearl-finish base coats.

For example : 1st plate → 2 normal coats.
2nd plate → 2 normal coats + 1 light coat.
3rd plate → 3 normal coats.

The correct colour must be found by modifying the white base.

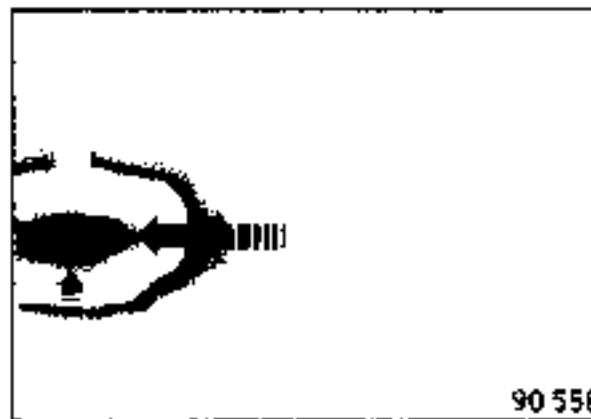
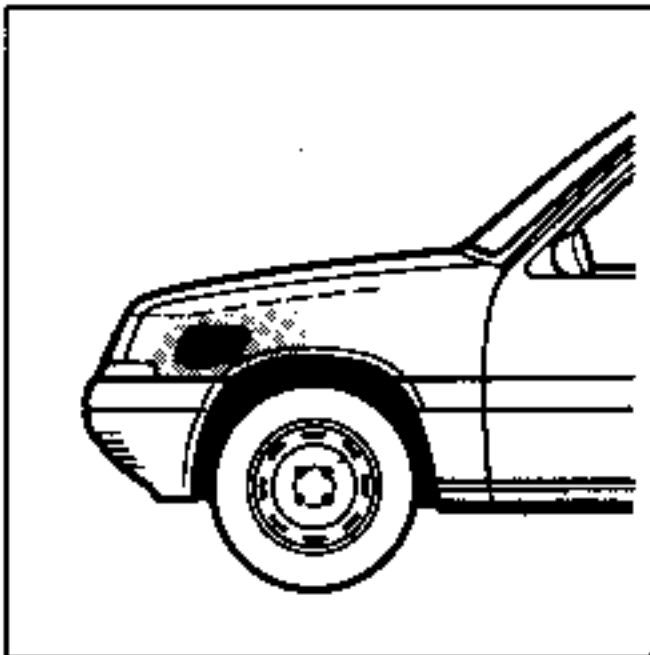
Do not attempt to correct the pearl-finish base coat because of its covering power (too fine).

Blending-in the paint

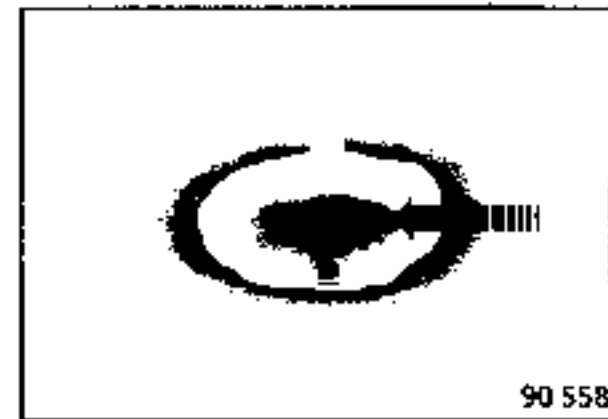
WHITE BASE

Carefully mix the matt white base only with the appropriate thinners.

Spray on two or three coats of this preparation as indicated below.



Paint blended-in at end
of panel.



Paint blended-in in
centre of panel

PEARL-FINISH BASE

Carefully mix the pearl-finish base with its thinners.

Spray on a maximum of 2 coats of this mixture, as indicated above, but noting the following point which is most essential:

- 1/ Do not paint beyond the graded white zone since a yellowish grey halation will be produced which will not disappear owing to the excess of pearl-finish on pearl-finish. If this should occur, grade the zone again with white base coat beyond the pearl-finish halation then spray on the pearl-finish base coat.

or

- 2/ With some paint suppliers, the blended-in section can be treated using the same method as is used for supergloss metallic paints.

LACQUER

Carefully mix the lacquer with its hardener and adjust the viscosity using suitable thinners.

Spray as above, each coat going beyond the matt pearl-finish zone.

Blend the lacquer spray either with its thinners or with a blending thinner designed for this purpose.

or

Varnish the entire component, if necessary.

Complete application

To repaint a complete side or complete vehicle it will be necessary to mix a percentage of hardener in the white base, according to the supplier used (see supplier's technical data sheet).

PAINTING SYSTEMS

In order to colour-match pearl-finish paints 317 and 168 certain suppliers have created new base paints to make up the formulae.

	INMONT	CORONA	VALENTINE
White base	BC 190 77 01 421 130	S2C419 77 01 421 085	
Pearl-finish base	BC 111 77 01 421 129	Pearl 436 77 01 407 686	772 77 01 418 256

FORMULAE

	VERILAC	IXELL
Kit 317	60 00 007 925	77 01 421 606
Kit 168	60 00 008 101	77 01 421 605
Matt -finish white 348		77 01 421 632

Remember to conform to the suppliers' technical data sheets when preparing white or pearl-finish paints.