



METHOD



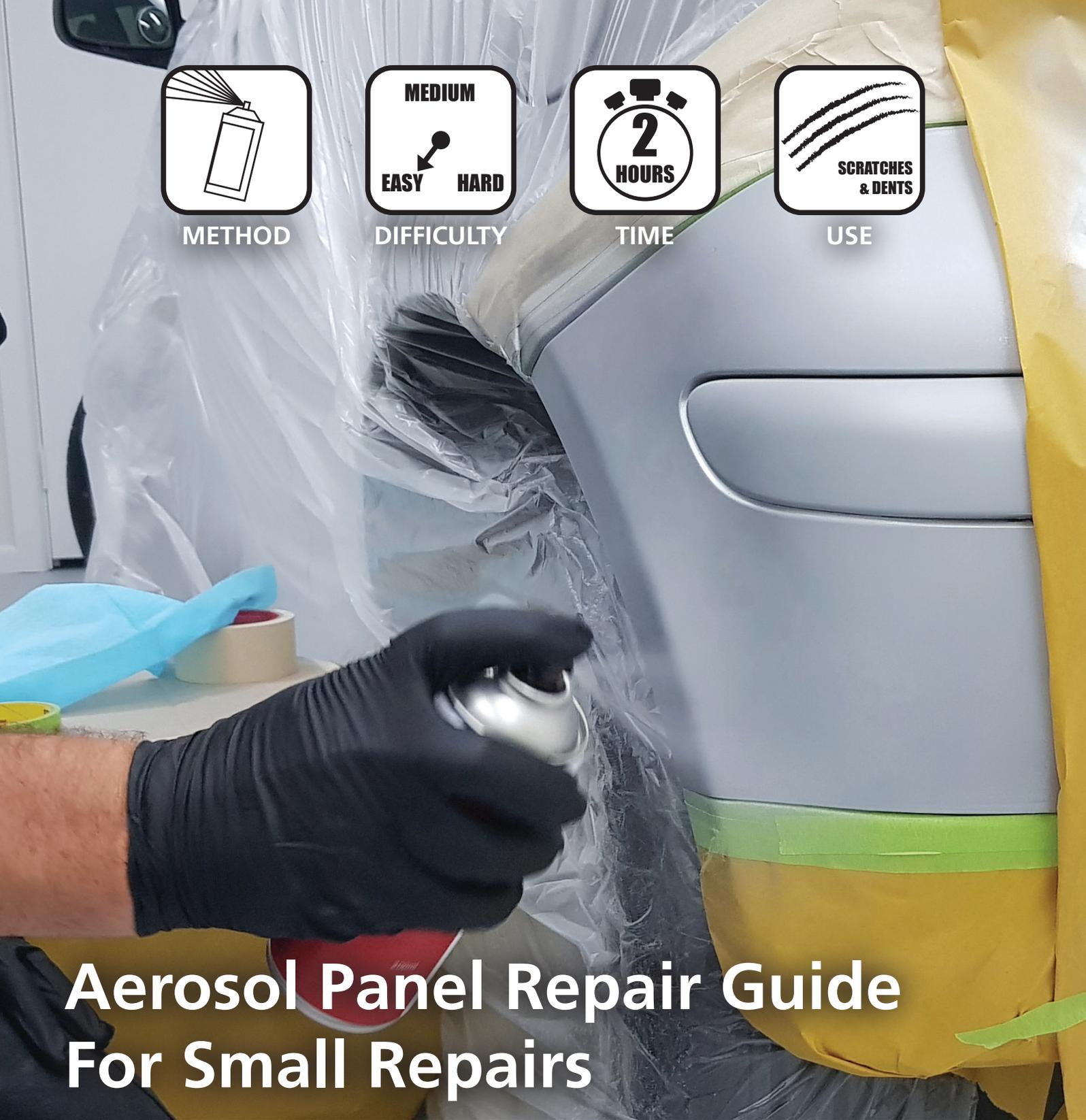
DIFFICULTY



TIME



USE



Aerosol Panel Repair Guide For Small Repairs

valspar AUTOMOTIVE

valspar[®]

REFINISH



Everyone wants their car to look its best.

Minor dents and scratches can not only be unsightly but also reduce the value of your car. By following these simple steps you can repair minor defects for a fraction of the cost of a professional repair.

This do-it-yourself solution is within reach of most car owners, simply follow the steps below to get your car looking its best. The process below is for small repair areas on car panels using aerosol products.

A small repair following all steps in this guide should take no more than 2 hours.

For more information on Valspar Refinish products and processes, speak to your local Valspar Refinish distributor or contact Valspar Automotive.

Step By Step Process for Aerosol



- 1** First read the entire guide and determine the products you need to purchase (use our shopping list on the back page to help you out).



- 2** Identify the topcoat colour required by retrieving the paint code from the compliance plate typically located in the engine bay or door jam. Ensure you know the car code, make, model and year. The paint shop staff will fill an aerosol with the topcoat colour specific to your vehicle. NOTE: This process is designed for most solid or metallic colours. Special effect colours will need to be repaired by a qualified repairer.



- 3** SAFETY FIRST! Ensure you have all the required safety equipment and ensure you choose a location which is clean, has good ventilation and is away from children.



- 4** Check the weather. It is strongly recommended to carry out repairs when the weather is warm and fine. High humidity and extreme temperatures will affect the drying time and potentially the performance of the coatings applied.

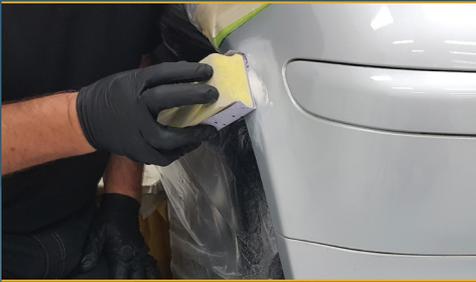


- 5** First wash your car to remove all dirt and grime from the repair area. Allow to dry. Clean all surfaces to be painted using clean rags and a quality wax and grease remover (such as Valspar Refinish 155 Surface Cleaner). Use a two rag method to wipe on and wipe off to remove all contamination including grease, oil, silicones, waxes etc.



- 6** If body filler is required to repair deep scratches or surface imperfections, first sand all bare metal areas with P80 (or P240 for painted surfaces). Mix and apply body filler with a clean applicator according to the instructions on the label. Allow to dry. Sand the body filler to achieve a smooth finish with P180-240. Repeat if necessary.

Repair



7

Dry sand the damaged area with P180, P240 then P320 paper. Sand the blend out area with P1000. Clean all surfaces with wax and grease remover once more to remove sanding residue prior to painting. Note, do not wet the body filler (if applied).



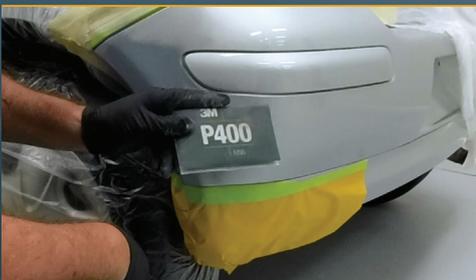
8

Mask around the repair area with tape and paper to protect the rest of your vehicle. Be sure to leave 10-15cm additional space for overlap with the existing coating.



9

Apply 2-3 coats of Valspar Grey Shade Aerosol Primer to the damaged area. Apply light coats allowing 2-3 minutes between each coat (or until touch dry). Extend the primer application 10-15cm beyond the damage area, keeping within the sanded area. Allow the primer to dry for a minimum of 20 minutes. Note: Shake the aerosol can thoroughly for 2-3 minutes before application. Tip: Do not prime up to the masking tape edge. Leave a bit of a gap so not to cause a hard primer line on the panel.



10

Using a small sanding block, sand the primer with P400 or P500. Sand surrounding areas with P1000. Clean all surfaces with wax & grease remover once more to remove sanding residue.



11

Apply 3-4 coats of the topcoat colour. Apply light even coats to build up the colour to achieve full coverage. Allow 2-3 minutes between each coat. Extend the application of the topcoat an additional 10-15cm into P1000 the sanded area. Allow to dry for 30 minutes.



12

A clear coat is required for UV protection and to match the original gloss finish. Apply 3-4 coats of the clear coat. Apply light even coats. Allow 2-3 minutes between each coat. Extend the application of the clear coat an additional 10-15cm past the colour and within P1000 sanded area. Allow to dry for 60 minutes.



13

Once the surface is completely dry, remove the masking film to reveal the repaired paint area. Inspect the repair area for any dust or dry spray. If contamination is present, lightly sand out defects using P1000-P2000 and clean water.



14

Clean and dry the panel. Polish the entire repair area with a fine cut and polish compound (by hand or using a polishing machine). Polish the repair area to a high gloss finish.



15

Dispose of all waste material according to local regulations. Ensure waste rags are allowed to dry before disposal. Spray aerosols upside down for 2-3 seconds to clear the nozzle before storage.



Before



After



To watch a video of this process, scan the QR code to the left with your smart phone to visit the Valspar Automotive Facebook page, where this video and more can be found in our "Videos" section.

Shopping List

- Sandpaper:
 - P80
 - P180
 - P240
 - P320
 - P400/500
 - P1000
 - P2000
- Paint:
 - Aerosol Primer
 - Aerosol Colour
 - Aerosol Clear Coat
- Protective equipment:
 - Safety glasses
 - Nitrile gloves
 - Vapour mask
 - Dust mask
- Consumables:
 - Masking tape
 - Protective paper or plastic film
 - Aerosol wax & grease remover
 - Plastic drop sheet
 - Rags
 - Sanding block
 - Polyester fine body filler (bog), applicator
 - Fine cut and polish compound
 - Tack cloth

Pro Tips

Sharp edges must be feathered back by sanding otherwise they will still be visible after the repair.

Primer will not hide deep scratches, apply body filler to repair these areas.

Practice aerosol application technique on paper before applying to your car.

If you get a run during paint application, don't worry. Let the coating dry and lightly sand the run back to a smooth finish before proceeding.

Aerosol mist will carry some distance, it is important to protect your vehicle and surrounding items from overspray.

Safety

Wear protective gloves. Wear eye or face protection. Keep away from ignition sources such as heat/sparks/open flame. - No smoking. Do not breathe vapour or spray mist. Wash hands thoroughly after handling. Product Safety Data Sheets are available from your retailer.



About Valspar Refinish

At Valspar we are passionate about paint. We love seeing our products used to protect and enhance the look of objects both large and small. This is equally true for our Valspar Refinish system. The Valspar refinish system is used by professionals and individuals for car refinish across the globe. We are constantly developing the system and colour range to meet and exceed the needs of our customers.

The advice given in this guide is general in nature. For the best quality repair, we recommend using an authorised Valspar Refinish repairer.

Notes