

## No. 522: Automobile parts: Repainting colour shades, painting used cars (electric tools)

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### Description



Fig. 522/1

This sample application describes the sanding processes that are required for colour matching when repairing used cars.

In this case, the painter is faced with the problem of sanding the surface of the complete bodywork quickly and efficiently so that it is ready for painting.

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### Previous procedure

- Sand down damaged parts using grit P240 – P360.
  - Extensive wet sanding of the complete vehicle by hand using grit P600 – P800.
  - Drying the damp areas.
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### Solution

Using the finish eccentric sander ETS 150/3 EQ or ES 125 EQ and the appropriate abrasive, vehicles can be prepared for re-coating quickly and rapidly by dry sanding.

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### Advantages

- No evaporation time
  - Clean grinding result
  - Vehicle only has to be covered once
  - No cleaning work in fold areas prior to painting
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### Machinery/Accessories

- ES 150/3 EQ (Ø 150mm - 3mm stroke)
- ETS 125 EQ (Ø 125mm - 2.5mm stroke)
- CTL / CTM mobile dust extractor

Other accessories:

- STF sanding pad (super soft)
  - STF Festool Titan<sup>®</sup> 2 P 220 sanding discs
  - STF Festool Titan<sup>®</sup> 2 P 360 sanding discs
  - Festool Platin<sup>®</sup> 2 S 1000
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## Preparation

- Attach STF sanding pad (super soft) to eccentric sander
  - Connect eccentric sander to CTL mobile dust extractor
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## Procedure

1. Attach P220 sanding disc to sanding pad.
  2. Sand down deeper scratches and areas of rust with STF sanding disc P220.
  3. Sand again with STF sanding disc P360.
  4. Even out depressions with fine filler. After drying, sand down with STF sanding discs P220 and P360.
  5. Sand complete vehicle with STF sanding disc P360.
  6. Re-sand and clean the filled surface with Festool Platin® 2 S 1000.
  7. Spray complete vehicle with primer. Apply colour without intermediate drying after flash-off period.
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## NB:

- The above described steps apply for all types of coatings.
  - Efficient, eccentric fine sanding ensures a clean, groove-free sanding result.
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## Important

- The speed has to be regulated according to the coating type/manufacturer.
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