

## TECHNICIAN'S INSTRUCTIONS

### AOM - 216: Spot Priming

#### Your objective:

- To demonstrate how to prepare a vehicle panel to receive primers and foundation coats.
- To demonstrate how to apply, cure and prepare foundation materials.
- Identify and rectify surface defects.

#### Facilities, equipment and materials that you must check are to hand at the workstation prior to the assessment:

- Personal Protective Equipment (PPE)
- Vehicle protection equipment and materials
- Technical and safety data for the products
- Foundation materials
- A suitable vehicle panel
- Paint technicians tools
- Sanders & dust extraction
- Abrasives
- Cleaning agents and dispensers
- Cleaning paper/cloth
- Masking materials and equipment
- Mixing scheme and equipment
- Paint consumables, for example tack cloths, mixing pots, paint strainers and disposable paint pots
- Spray guns
- Spray gun cleaning equipment
- Curing / force drying equipment

**Complete the following tasks:**

1. Set up and wear the appropriate personal protective equipment.
2. Consult relevant technical information and ensure that ADAS systems are not affected by the refinishing processes.
3. Identify the body panel material / substrate prior to undertaking preparation of the surface.
4. Remove and store safely any components which are likely to be affected by the preparation process.
5. Select and check the materials, consumables, tools and equipment before carrying out the preparation process.
6. Consult the Material Technical and Safety Data Sheet(s).
7. Mask the vehicle panel
8. Prepare the panel surface to accept the foundation materials.
9. Clean the surface using the appropriate material and method.
10. Remove dust and static from the panel surface.
11. Mix the foundation materials in accordance with the technical data sheet.
12. Filter the products into spray gun.
13. Set up the spraying environment.
14. Set up and test the spraying equipment.
15. Apply the foundation materials as stated in the technical data sheet.
16. Check the applied foundation materials for evenness and any surface defects. If any defects are present, state how to rectify them.
17. Set up the force drying equipment and cure the foundation materials as stated in the technical data sheet.
18. Dispose of any waste materials safely and legally.
19. Clean all the equipment.
20. Return and store the tools, equipment, products and consumables in their appropriate place.
21. Carry out quality checks to the cured surface, before progressing to sanding the foundation material.

**Time limit – 1 hour (Excluding any drying or curing times)**

## WORKSTATION REQUIREMENTS

### AOM - 216: Spot Priming

#### Facilities, equipment and materials required at the workstation:

- Personal Protective Equipment (PPE)
- Vehicle protection equipment and materials
- Technical and safety data for the products
- Foundation materials
- A suitable vehicle panel
- Paint technicians tools
- Sanders & dust extraction
- Abrasives
- Cleaning agents and dispensers
- Cleaning paper/cloth
- Masking materials and equipment
- Mixing scheme and equipment
- Paint consumables, for example tack cloths, mixing pots, paint strainers and disposable paint pots
- Spray guns
- Spray gun cleaning equipment
- Curing / force drying equipment

#### Workstation set up required:

- Provide all the tools, equipment, products and consumables which are appropriate for this task.

**Note:** All Material Safety Data Sheets and Technical Data Sheets must be available

- Provide the personal protection equipment in conjunction with the *Material Safety Data Sheets*.
- Provide vehicle protection and masking equipment - any dispensers must be working efficiently.
- Supply a previously painted vehicle panel, which contains a minor scratch that has revealed bare metal, the candidate **must** sand the scratched area to bare metal.

**Note:** This panel can be the same one which has been used throughout the paint accreditation assessment.

- Supply mixing and measuring equipment which is suitable for the foundation material(s).
- Provide the equipment to carry out a viscosity check.
- Provide spray guns which contain the set ups for the products used within this task.
- Provide spraying and force drying equipment which is appropriate for this task.
- Provide spray gun cleaning equipment which is appropriate for this task.
- Supply the appropriate disposal bins for different types of contaminated waste.
- Check and ensure the work areas are clean and free from contaminants.



### ASSESSMENT RESULTS SHEET

#### AOM - 216: Spot Priming

Technician's Name:

Registration Number:

Assessor's Name:

Date: / /

Start time:

Completion time:

| Critical competences  | Achieved |
|---|----------|
| <b>The candidate:</b>   |          |
| Set up and wore the appropriate personal protective equipment.  |          |
| Comments:   |          |
| Consulted relevant technical information and ensure that ADAS systems are <b>not</b> affected by the refinishing processes. |          |
| Comments:   |          |
| Identified the body panel material / substrate prior to undertaking preparation of the surface.                             |          |
| Comments:   |          |
| Removed and stored safely any components which were likely to be affected by the preparation process.                       |          |
| Comments:   |          |
| Selected and checked the materials, consumables, tools and equipment before carrying out the preparation process.           |          |
| Comments:   |          |
| Consulted the Material Technical and Safety Data Sheet(s).  |          |
| Comments:   |          |
| Prepared and masked the panel surface to accept the foundation materials.   |          |
| Comments:   |          |
| Cleaned the surface using the appropriate material and method.  |          |
| Comments:   |          |



|   |  |
|---|--|
| Removed dust and static from the panel surface.   |  |
| Comments:   |  |
| Mixed the foundation materials in accordance with the technical data sheet.                                 |  |
| Comments:   |  |
| Filtered the products into spray gun.   |  |
| Comments:   |  |
| Set up the spraying environment.  |  |
| Comments:   |  |
| Set up and tested the spraying equipment.   |  |
| Comments:   |  |
| Applied the foundation materials as stated in the technical data sheet.                                     |  |
| Comments:   |  |
| Checked the applied foundation materials for evenness and rectify any surface defects.                      |  |
| Comments:   |  |
| Set up the force drying equipment and cured the foundation materials as stated in the technical data sheet. |  |
| Comments:   |  |
| Disposed of any waste materials safely and legally.   |  |
| Comments:   |  |
| Cleaned all the equipment.  |  |
| Comments:   |  |
| Returned and stored the tools, equipment, products and consumables in their appropriate place.              |  |
| Comments:   |  |



|   |  |
|---|--|
| Carried out quality checks to the cured surface, before progressing to sanding the foundation material. |  |
| Comments:   |  |
| Worked safely, obeying safe working practices throughout the assessment.                                |  |
| Comments:   |  |
| Cleaned and left the work area safe on completion of the tasks.   |  |
| Comments:   |  |
| Completed the task in the allocated time (1 hour).  |  |
| Comments:   |  |

Assessor comments:

Assessor's signature:

Assessor's PIN:

PASS / REFERRED