

TECHNICIAN'S INSTRUCTIONS

AOM - 217: High Build Primer Preparation

Your objective:

- To demonstrate how to select, check and adjust tools and equipment which are used when abrading / sanding a previously primed vehicle panel.
- To demonstrate how to use a range of masking materials and techniques.

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 being used
- Vehicle panel
- Sanders, sanding blocks and dust extraction
- Abrasives and guide coats
- Cleaning agents and dispensers
- Cleaning Paper/cloth
- Masking equipment
- Masking consumables

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 preparation process.
3. Select and check the materials, consumables, tools and equipment before preparing the primer. Note: all materials and consumables must be used economically and efficiently.
4. Consult the Technical sheets and the Safety Data Sheet(s) for all the products involved in this task.
5. Carry out checks to ensure that surface is sufficiently cured prior to carrying out any sanding.
6. Use masking materials to protect any vulnerable areas or adjacent panels.
7. Check the cleanliness of the panel and clean if it is required.
8. Apply a guide coat to the panel.
9. Prepare the panel without breaking through the high build primer.
10. Clean and remove static from the panel to accept topcoats.
11. Carry out quality checks to the prepared area.
12. Dispose of any waste materials safely and legally.
13. Clean all the equipment.
14. Return and store the tools, equipment, products and consumables in their appropriate place.

Time limit – 45 minutes.

WORKSTATION REQUIREMENTS

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Facilities, equipment and materials required at the workstation:

- Personal Protective Equipment (PPE)
- Vehicle protection equipment and materials
- Technical and safety data for products to be used
- Vehicle panel
- Sanders, sanding blocks and dust extraction
- Abrasives and guide coats
- Panel cleaning fluids
- Cleaning Paper/cloth
- Masking equipment
- Masking consumables

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 equipment - any dispensers must be working efficiently.
- Provide a panel which has previously been coated with a high build primer. **Note:** This panel can be the same one which has been used throughout the paint accreditation assessment.
- Supply a range of abrasives, sanders, sanding blocks and attachments which connect to an extraction unit.
- 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

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Technician's Name:

Registration Number:

Assessor's Name:

Date: / /

Start time:

Completion time:

Critical competences	Achieved
The candidate:	
Set up and wore the appropriate personal protective equipment.	
Comments:	
Consulted relevant technical information and ensure that ADAS systems are not affected by the refinishing processes.	
Comments:	
Selected and checked the materials, consumables, tools and equipment before preparing the primer.	
Comments:	
Consulted the Technical sheets and the Safety Data Sheet(s) for all the products involved in this task.	
Comments:	
Carried out checks to ensure that surface is sufficiently cured prior to carrying out any sanding.	
Comments:	
Used masking materials to protect any vulnerable areas or adjacent panels.	
Comments:	
Checked the cleanliness of the panel and cleaned it if it is applicable.	
Comments:	
Applied guide coat to the panel.	
Comments:	



Prepared the panel without breaking through the high build primer.	
Comments:	
Cleaned and removed static from the panel to receive topcoats.	
Comments:	
Carried out quality checks to the prepared area.	
Comments:	
Disposed of any waste materials safely and legally.	
Comments:	
Used all the materials and consumables economically and efficiently.	
Comments:	
Cleaned all the equipment.	
Comments:	
Cleaned and left the work area safe on completion of the tasks.	
Comments:	
Worked safely, obeying safe working practices throughout the assessment.	
Comments:	
Completed in the time allowed (45 minutes).	
Comments:	

Assessor comments:

Assessor's signature:

PASS / REFERRED

Assessor's PIN: