

## Apply masking materials to automotive vehicles

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### Overview

This standard is about the ability to undertake masking activities efficiently and effectively prior to any foundation or paint being applied to a motor vehicle.

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### Performance criteria

- You must be able to:*
- P1 use suitable personal and vehicle protective equipment and the specified environmental safety equipment throughout all vehicle operations
  - P2 prepare all masking materials required following health and safety requirements
  - P3 ensure the vehicle is correctly prepared prior to the masking operation
  - P4 support vehicle masking operations by reviewing product technical data and work instructions
  - P5 identify suitable masking product and carry out process appropriate to substrate and paint materials being applied
  - P6 prepare, check and adjust all the tools and equipment required, following manufacturer's instructions, prior to use
  - P7 dispose of waste materials to conform with legal, environmental and workplace requirements
  - P8 leave tools, equipment and work environment in a clean and serviceable condition, as appropriate
  - P9 complete all masking activities efficiently and to the required standard
  - P10 promptly report any anticipated delays in completion to the relevant person(s)

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### Knowledge and understanding

*You need to know and understand:*

- K1 the health and safety and environmental legislative requirements specific to vehicle refinishing operations and why it is important that these are followed
- K2 workplace procedures and workshop practices relevant to personal and vehicle protection before, during and after vehicle refinishing operations
- K3 the importance of disposing of waste safely and the consequences of not doing so to others, the business and the environment
- K4 the vehicle work specification and work instructions agreed
- K5 your workplace procedures for:
  - K5.1 the referral of problems
  - K5.2 reporting delays to the completion of work
  - K5.3 personal protection
- K6 the relationship between time, cost and productivity
- K7 the importance of working to agreed timescales and promptly reporting anticipated delays to the relevant person(s)
- K8 how to prepare, check, adjust and use all the tools and equipment required for vehicle masking operations
- K9 the properties of refinishing systems and materials and the factors affecting their use and their relevance to the masking process
- K10 how to recognise damage to surfaces and ancillary fittings
- K11 how to interpret manufacturer's preparation schedules
- K12 how to carry out masking procedures to avoid material wastage and vehicle contamination for each stage of the preparation process
- K13 how to prepare panels and parts adjacent to the area being painted
- K14 methods of protecting panels and parts adjacent to the areas being painted and the circumstances in which they should be used
- K15 methods and techniques of masking (including paper and sheet masking) and the circumstances in which they should be used
- K16 the implications of not following the correct masking process and its effect on the overall quality process
- K17 the implications of not following an agreed quality control process

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