

COSVR93  
Install decking for flat roof  
coverings(SQA Unit Code-H7DF 04)



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**Overview**

This standard is about interpreting information, adopting safe and healthy working practices and selecting materials, components and equipment for installing flat roof decks for new and/or re-roofing work

This standard is for people working in the occupational area of mastic asphaltting and can be used by operatives, supervisors and managers

**Performance criteria**

- You must be able to:
- P1 interpret the given information relating to the work and resources to confirm its relevance
  - P2 comply with the given, relevant legislation and official guidance to carry out your work and maintain safe and healthy work practices
  - P3 select the required quantity and quality of resources for the methods of work
  - P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
  - P5 comply with the given contract information to carry out the work efficiently to the required specification
  - P6 complete the work within the allocated time, in accordance with the programme of work

**Knowledge and understanding**

**Performance Criteria 1**

**Interpretation of information**

You need to know and understand:

- K1 the organisational procedures developed to report and rectify inappropriate **information** and unsuitable **resources**, and how they are implemented
- K2 the types of **information**, their source and how they are interpreted
- K3 the organisational procedures to solve **problems** with the **information** and why it is important they are followed

**Performance Criteria 2**

**Safe work practices**

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, current **legislation and official guidance** and how it is applied
- K5 how **emergencies** should be responded to and who should respond
- K6 the organisational **security procedures** for tools, equipment and personal belongings
- K7 what the accident reporting procedures are and who is responsible for making the report
- K8 why and when **personal protective equipment (PPE)** should be used

**Performance Criteria 3**

**Selection of resources**

You need to know and understand:

- K9 the characteristics, quality, uses, limitations and defects associated with the **resources** and how defects should be rectified
- K10 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K11 the organisational procedures to select **resources**, why they have been developed and how they are used
- K12 the **hazards** associated with the **resources** and **methods of work** and how they are overcome

**Performance Criteria 4**

**Minimise the risk of damage**

You need to know and understand:

- K13 how to **protect work** from damage and the purpose of protection
- K14 why **disposal of waste** should be carried out safely and how it is achieved

**Performance Criteria 5**

**Meet the contract specification**

You need to know and understand:

- K15 how **methods of work**, to meet the specification, are carried out and **problems** reported
- K16 how **maintenance** of tools and equipment is carried out

**Performance Criteria 6**

**Allocated time**

You need to know and understand:

- K17 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

**Additional Information**

**Scope/range related to performance criteria**

**Performance Criteria 1**

- 1 interpretation of drawings, specifications, schedules, oral/written instructions and manufacturers' information related to the work to be carried out

**Performance Criteria 2**

- 2 safe use of personal protective equipment (PPE) and access equipment to carry out the activity, in accordance with current legislation and/or organisational requirements
- 3 safe use and storage of tools and equipment

**Performance Criteria 3**

- 4 selection of resources associated with own work
  - 4.1 materials, components and fixings
  - 4.2 tools and equipment

**Performance Criteria 4**

- 5 protection of the work and its surrounding area from damage
- 6 minimise damage and maintain a clean work space
- 7 disposal of waste in accordance with current legislation

**Performance Criteria 5**

- 8 demonstration of work skills to measure, cut, mark out, fit, position and secure
- 9 use and maintain hand tools, portable power tools and ancillary equipment
- 10 install boarded timber roof decks and/or boarded single-skin metal roof decks to given working instructions and form
  - 10.1 perimeters
  - 10.2 openings
  - 10.3 falls
  - 10.4 outlets
  - 10.5 penetrations

**Performance Criteria 6**

- 11 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

**Scope/range related to knowledge and understanding**

**Disposal of waste**

- 1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

**Emergencies**

- 2 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
  - 2.1 fires, spillages, injuries
  - 2.2 emergencies relating to occupational activities

**Hazards**

- 3 those identified by method of work, manufacturers' technical information, statutory regulations and official guidance

**Information**

- 4 drawings, specifications, schedules, manufacturers' information, oral/written procedures for dealing with damaged and incorrect materials and/or resources and current regulations governing buildings

**Legislation and official guidance**

- 5 this relates to the operative's responsibilities regarding potential accidents, and health hazards whilst working in the workplace, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting

**Maintenance**

- 6 operative care of hand tools and/or portable power tools and ancillary equipment

**Methods of work**

- 7 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to
  - 7.1 install decking material
  - 7.2 create falls
  - 7.3 form outlets
  - 7.4 form perimeter details
  - 7.5 negotiate penetrations
  - 7.6 form openings
  - 7.7 ensure deck is secure and fit for purpose
  - 7.8 use hand tools, power tools and equipment
  - 7.9 work at height
  - 7.10 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with flat roof decking

**Personal protective equipment (PPE)**

- 10 occupational use, types, purpose of each type and work situations

**Problems**

- 11 those arising from information, resources and methods of work
  - 11.1 own authority to rectify
  - 11.2 organisational reporting procedures

**Programme**

- 12 types of progress charts, timetables and estimated times
- 13 organisational procedures for reporting circumstances which will affect the work programme

**Protect work**

- 14 protect work against damage from general workplace activities, other occupations and adverse weather conditions

**Resources**

- 15 materials, components and equipment relating to types, quantity, quality, sizes of standard and/or specialist:
  - 15.1 particle boards, plywood, timber, single-skin metal sheeting, fixings and associated components
  - 15.2 hand and/or powered tools and equipment
- 16 methods of calculating quantity, length, area and wastage associated with the method/procedure to install flat roof decking

**Security procedures**

- 17 site, workplace, company and operative



## COSVR93

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<b>Developed by</b>	ConstructionSkills
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<b>Originating organisation</b>	ConstructionSkills
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<b>Original URN</b>	VR93
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<b>Relevant occupations</b>	Construction Operatives
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<b>Suite</b>	Mastic Asphalt (Construction); Waterproof Membrane Roofing Systems (Construction)
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<b>Key words</b>	Boarded timber roof decks; Boarded single-skin metal roof decks; Waterproof covering; Single-skin
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