

Overview

This standard is about understanding the suitability of Park Homes for insulation measures, interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment

This standard is for people working in the occupational area of insulation and building treatments and can be used by installers, supervisors and managers

Performance criteria

You must be able to:

P1 interpret the given design information relating to the work and resources to confirm its accuracy, completeness and relevance to the building type, fabric and condition for the following: 1.1 drawings 1.2 specifications 1.3 schedules 1.4 method statements 1.5 risk assessments 1.6 manufacturers' information 1.7 data sheets

1.8 surveys

1.9 Park Homes site rules and restrictions

P2 comply with the given, relevant legislation, standards and official guidance to carry out your work and maintain safe and healthy work practices relating to the following: 2.1 methods of work 2.2 safe use of health and safety control equipment 2.3 safe use of access equipment 2.4 safe use, storage and handling of materials,

tools and equipment 2.5 operative maintenance of installation equipment 2.6 specific risks to health including mental health 2.7 specific risks associated with ventilation (roof space, inside the

property, working below suspended supported floor structure)

and also including combustion appliances

P3 select the required quantity and quality of resources as per the

designs for the methods of work 3.1 check the suitability, compatibility and characteristics of

the materials, components and finishes and determine if

they are moisture open or moisture closed and their impact

on the building 3.2 record and report issues or defects 3.3 select tools and equipment

P4 comply with organisational procedures to minimise the risk

of damage to the work and surrounding area by: 4.1 protecting the work and its

surrounding area from damage4.2 maintaining a safe, clear and tidy work area4.3
disposing of waste in accordance with current legislation

P5 comply with the given contract information to carry out the

work efficiently to the required specification by the following:5.1 demonstrate work skills
to carry out external and internal

pre-installation checks, to cover the following: - moisture content of frame at all
corners - integrity of Park Home fabric and suspension system - any signs of
board warping, bubbling, dry rot - the distance between Park Homes will meet fire
regulations

following installation - gas pipes, bottles and electrical cables are secure and
safe - insect infestation, vermin, animals and protected species

5.2 measure, mark out, calibrate and complete remedial and
preparatory work

5.3 use and maintain all work tools

5.4 carry out post installation checks

P6 complete your work within the estimated, allocated time

and performance requirements of the system design, method

statement and the required standard

Knowledge and understanding

You need to know and understand:

Performance Criteria 1 Interpretation of information

K1. why organisational procedures have been developed and how they are implemented

K2. types of information, their source, accuracy, completeness

and how they are interpreted in relation to: 2.1 drawings 2.2 specifications 2.3 schedules 2.4 method statements 2.5 risk assessments 2.6 design 2.7 standards 2.8 manufacturers' information 2.9 data sheets 2.10 current legislation and regulations governing Park Homes

2.11 Park Home site rules

K3. the importance of organisational procedures to solve problems and why it is important to follow them

Performance Criteria 2 Safe work practices

K4. relevant, current legislation, standards and official guidance and how they are applied

K5. the types of fire extinguishers and how and when they are used in relation to water, CO₂, foam, powder

K6. how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to:

6.1 fires, spillages, injuries 6.2 emergencies relating to occupational activities including but

not limited to the following:

- partial or full collapse of suspension system - electrical cabling - Radon, methane, LPG or other gases 6.3 identification of and reporting of asbestos

containing materials

K7. the organisational security procedures for tools,

equipment and personal belongings in relation to:7.1 site7.2 workplace7.3 siting and location of vehicles7.4 company7.5 customer7.6 access equipment7.7 material and waste storage7.8 park personnel, visitors and other park residents

K8. how to report risks and hazards identified by the following:8.1 risk assessment8.2 personal assessment8.3 methods of work8.4 manufacturers' technical information8.5 data sheets8.6 statutory regulations8.7 official guidance8.8 Control of Substances Hazardous to Health (COSHH)

8.9 Park Home site rules

K9. the accident reporting procedures and who is

responsible for making the report

K10. why, when and how health and safety control equipment

identified by the principles of prevention should be used in

relation to:10.1 collective protective measures10.2 personal protective equipment (PPE)10.3 respiratory protective equipment (RPE)10.4 local exhaust ventilation (LEV)

K11. environmentally responsible work practices to meet current

legislation, standards and official guidance when dealing with

potential accidents, health hazards and the environment in

relation to:11.1 below suspended structures11.2 confined spaces11.3 at height11.4 tools and equipment11.5 materials and substances11.6 movement and storage of materials by manual handling and

mechanical lifting

11.7 vehicles

Performance Criteria 3 Selection of resources

K12. why the characteristics, compatibility, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified

K13. the organisational procedures to select resources, why they have been developed and how they are used

K14. how to confirm the resources and materials conform with the specification

K15. how the resources should be used and how any problems associated with the resources are reported in relation to:15.1 protective sheeting15.2 warning signs15.5 public protection equipment15.6 calibration equipment

K16. how to identify the hazards associated with the resources and methods of work and how they are overcome

K17. how to calculate the quantity of materials required and used to carry out remediation and preparatory work

Performance Criteria 4 Minimise the risk of damage

K18. the importance of protecting the work and its surrounding area against the risk of damage

K19. how to protect work and its surrounding area from damage by general workplace activities, other occupations and adverse weather conditions and how to minimise damage to existing building fabric

K20. why and how the disposal of waste must be carried out safely

in accordance with the following

- 20.1 current legislation
- 20.2 environmental responsibilities
- 20.3 organisational procedures
- 20.4 suppliers and manufacturers' information
- 20.5 data sheets
- 20.6 statutory regulations
- 20.7 official guidance

20.8 Park Home site rules

K21. why it is important to maintain a safe, clear and tidy work area

Performance Criteria 5 **Meet the contract specification**

K22. how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work

22.1 the suitability, compatibility and characteristics of the materials, components and finishes, and determine if they are moisture open or moisture closed, their impact on the building and their appropriateness to the design and physical application

22.2 how to record and report issues or defects with the materials with the materials, components and finishes

22.3 why it is important to carry out external and internal pre-installation checks

22.4 how to carry out external and internal pre-installation checks, assessing, recording and reporting issues to include but not

Park Homes insulation

limited to:

- Park Home site approvals
- suitable access
- property suitability
 - structural integrity
 - dampness
 - decay
- vents and ventilation
- suitable minimum Park Home spacing following proposed

installation

- services (gas, electric, water, media cables, overhead cables, insect and vermin infestation, animals and protected species)

22.5 why it is important to ensure that all necessary repairs are completed prior to installation

22.6 how to recognise, record and report the key issues that may inhibit commencement of the work including but not limited

to: - condition of building fabric - identification of any areas of potential water penetration - mould or evidence of condensation - moisture content of the timber frame and dry rot - condition of windows and doors - lack of permission from site owner - condition of roof - space between park homes would be less than 6m following

installation - drainage and down pipes - poor condition of suspension system

22.7 how to identify when specialist skills and knowledge are

required and report accordingly including but not limited to:

- fire safety

- electrical

- asbestos

- Radon,

- ecology

- architectural features
- ventilation
- combustion ventilation
- gas

22.8 how to identify, record, report and rectify unintended consequences not addressed in the design, including but not limited to the existence of: thermal bridges, thermal bypassing and water ingress, inadequate ventilation and condensation risk

22.9 why it is important to avoid unintended consequences

22.10 the different types of air and vapour control layers and breather membranes, where and how they should be used and why it is important to install them correctly

22.11 the importance of ensuring the integrity of air and vapour control layers and breather membranes following installation and the need to maintain continuity

22.12 why it is important to explain installation procedure to

building occupants to include but not limited to the following: - scope and work programme - safety requirements during the installation process - protection of property and personal items - specific benefits and implications to include

homeowner information - agreed standards of making good

21.13 the implications of existing guarantees and warranties that

may be compromised by the installation to include but not

limited to: - the Park Home - windows and doors - renders - previous damp treatments

22.14 how to work with, around and in close proximity to plant and

machinery

22.15 how to direct and guide the operations and movement of

plant and machinery to ensure protection of a safe working

environment

22.16 how to identify and follow the installation quality

requirements

22.17 how and why it is important to check, record and report issues

with construction ventilation, flues, chimneys and combustion

air ventilators pre, during and post installation

22.18 how to identify routing of internal services, using relevant

detectors

22.19 why it is important to immediately record and report

unforeseen events including but not limited to equipment

malfunctions, situations and faults not identified in the original design

22.20 why it is important to complete post installation checks in accordance with the designs and operations manual and report issues to include but not limited to: safeguarding the combustion ventilation, services and report defects

22.21 how to handover and sign off to the customers satisfaction and explain maintenance requirements

22.22 why it is important to provide post installation advice and guidance to building occupants and client including homeowner packs

22.23 how to use all work tools and equipment

22.24 how to work at height using access equipment

22.25 how and why maintenance of all work tools and equipment is carried out

K23. the importance of team work and communication

K24. the needs of other occupations associated with Park Homes insulation

Performance Criteria 6 Allocated time

K25. the programme of work to be carried out including the estimated and allocated time and why deadlines should be

kept

K26. the types of progress charts, timetables and estimated times

and the organisational procedures for reporting circumstances

which will affect the work programme

COSVR816

Park Homes insulation



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