

Overview

"This standard is about preparing and installing external wall insulation, 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 suppliers and manufacturers' information
- 1.7 data sheets

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 and harness systems
- 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 and combustion appliances

P3 select the required quantity and quality of resources 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 damage
- 4.2 maintaining a safe, clear and tidy work area

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- 4.3 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 remove, measure, mark out, cut, line, level, drill, fit, fix, fill, finish, position and secure
 - 5.2 to carry out external and internal pre-installation checks, assessing, recording and reporting issues to include:
 - suitable access
 - property suitability
 - structural integrity
 - dampness
 - decay
 - vents and adequate ventilation
 - services (gas, electric, water, media cables)
 - architectural features
 - vegetation
 - rainwater goods
 - loose surface finishes
 - external cracking
 - water ingress
 - damp proof course
 - 5.3 use and maintain all work tools and equipment
 - 5.4 cut and fix pre-formed trims and mounting blocks
 - 5.5 install pattresses for fixtures and fittings
 - 5.6 apply treatments to existing walls
 - 5.7 prepare and install insulated external wall system in accordance with the specification, design, drawings and method statements to given working instructions
 - 5.8 embed mesh and stress patches in accordance with specification
 - 5.9 carry out mid-install checks to boarding and basecoat stage
 - 5.10 apply mastic aesthetic sealant to all interface, joints and penetration
 - 5.11 install air and vapour control layers
 - 5.12 make good any marks and holes following scaffold removal

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- 5.13 handover and sign off to the customers satisfaction
- 5.14 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"

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Knowledge and understanding

You need to know and understand: