

Overview

"This standard is about preparing and installing cavity 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 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 (roof space, inside the property and under floor) 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

Install cavity wall insulation

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 measure, mark out, calibrate, monitor, fit and fill, make good

5.2 carry out external and internal pre-installation check, assessing, recording and reporting issues to include:

- suitable access
- property suitability
- structural integrity
- dampness
- decay
- exposure ratings
- vents and ventilation
- services (gas, electric, water, media cables)

5.3 check, record and report issues with construction ventilation, flues, chimneys and combustion air ventilators pre and post installation

5.4 use and maintain all work tools and installation equipment

5.5 drill holes to specified patterns using depth gauges and right angled drilling only, selecting the correct masonry drill bit, speed and setting, and taking effective steps to minimise the impact to the building fabric and preventing rubble falling into the cavity

5.6 fit cavity barriers

5.7 assemble and operate installation equipment, measuring density, flow and quality tests

5.8 prepare for and install cavity wall insulation to given system designer specification, method statement and the required standard

5.9 fill holes with matching and suitable materials

5.10 clean, disassemble and prepare installation processing equipment for transportation

5.11 handover and sign off to the customers satisfaction

5.12 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"

COSVR450

Install cavity wall insulation



Knowledge and understanding

You need to know and understand: