

Install insulation to suspended floors

Overview

"This standard is about preparing and installing placed, mechanically or adhesively fixed insulation to suspended floors, 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"

Install insulation to suspended floors

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 specific risks to health including mental health
- 2.6 specific risks associated with ventilation (roof space, inside the property and under floor) and combustion appliances
- 2.7 specific risks associated with working in confined spaces

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, fixings 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 insulation to suspended floors

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, cut, fit, position, secure and 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
- vents and ventilation
- services (gas, electric, water, media cables)

5.3 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
- visibility and completeness of damp proof course
- condition of window and door seals
- height of internal floors in relation to finished ground level
- drainage and down pipes
- protection and existence of sub floor ventilation

5.4 identify the potential risk of increased condensation following installation relating to suspended floors and how to prevent it

5.5 check, record and report issues with under floor (cross flow) ventilation, flues, chimneys and combustion air ventilators pre and post installation

5.6 prepare floor for insulation creating access points taking into consideration the following but not limited to:

- safe systems of work
- minimising damage
- checking existing services
- building construction and heritage significance
- customer safety

5.7 check for hidden utilities

Install insulation to suspended floors

- 5.8 maintain integrity of membranes
- 5.9 remove and minimise damage to floorcoverings
- 5.10 ensure the minimum void area air space is maintained by removing debris
- 5.11 clear and safeguard existing and install additional ventilation in accordance with the design and installation checks and report back issues which impact the ventilation assessment
- 5.12 protect the building occupants and their property
- 5.13 confirm pre-installation material checks are within specified parameters to include checking and reporting defects
- 5.14 rectify defects in preparation of insulation measures
- 5.15 install placed, mechanically or adhesively fixed insulation to suspended floors
- 5.16 maintain existing sound-proofing
- 5.17 install and maintain fire resistant barriers
- 5.18 complete carry out post installation checks in accordance with the design, method statement and installations operations manual and report issues to include but not limited to safeguarding the combustion ventilation and report defects
- 5.19 provide post installation advice and guidance to building occupants including homeowner packs
- 5.20 handover and sign off to the customers satisfaction
- 5.21 use and maintain all work tools and equipment
- 5.22 work at height using access equipment
- P6 complete your work within the estimated, allocated time and performance requirements of the system design, method statement and the required standard"

COSVR749



Install insulation to suspended floors

Knowledge and understanding

You need to know and understand: