Apply Tape and Joint Finishes to Internal Insulated Walls

Title:	**Apply Tape and Joint Finishes to Internal Insulated Walls**
Level:	3
Credit value:	7
GLH	70
Unique Reference Number:	F/650/7452
Aim:	The aim of this unit is to provide learners with the skills and knowledge to be able to interpret information required in order to apply tape and joint finishes to internal insulated wall.
Assessment	Assessment of this unit will be through the completion of a NOCN devised practical task and associated knowledge questions (written or verbal). This unit is internally assessed and internally and externally quality assured using the NOCN assessment booklet to evidence all learning outcomes.

Learning outcomes

The learner will:

1. Be able to interpret the information required in order to be able to apply tape and joint finishes to internal insulated wall.

Delivery content:

The aim of this learning outcome is to provide the learners with the skills and knowledge to identify types of information, their source, accuracy, completeness and how they are interpreted in relation to applying tape and joint finishes to internal insulated wall.

The learner must:

- identify **documentation,** and the details contained, in order to be able to complete given tasks.
- understand the relevance of an assessment of significance and its possible effect on the project.
- know how emergencies should be responded to in accordance with organisational authorisation and personal skills.
- identify relevant, current **legislation, standards** and official guidance and how they are applied
- interpret current **legislation** and regulations governing buildings
- identify different types of **drawings** and their purpose.
- interpret different types of **drawings** including **common scales** and symbols and hatchings used.
- read and apply measurements from the information provided.
- identify and report any inaccuracies with the supplied information in accordance with organisational procedures.
- use manufacturers' information to appropriately use resources.

2. Be able to identify tools, equipment and materials required to apply surface finishes to internal wall insulation in accordance with manufacturers' guidance.

Delivery content:

The aim of this learning outcome is to provide the learners with the knowledge and skills to identify and select the **tools**, **equipment**, and **materials** required to apply tape and joint finishes to internal insulated wall
The learner must:

- identify appropriate **pre installation checks**
- record and report key issues that may inhibit the commencement of work
- demonstrate how to calculate lengths and areas as required when applying tape and joint finishes to internal insulated wall
- explain how to 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.
- be able to select the required quantity and quality of resources for the appropriate methods of work
- know why the characteristics, compatibility, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified
- identify the **hazards** associated with the resources and methods of work and how they are overcome
- identify the requirements from the provided information and confirm information is correct for the given tasks.
- identify how the resources should be used and how any problems associated with the resources are reported in relation to organisational procedures.
- carry out checks on all resources provided to ensure they are fit for purpose and free from defects.
- report and replace any defective resources in accordance with manufacturers' guidance, legislation and organisational procedures.

3. Be able to prepare work areas and materials in order to apply tape and joint finishes to internal insulated wall.

Delivery content:

The aim of this learning outcome is to provide learners with the skills and knowledge to carry out preparations in order to apply tape and joint finishes to internal insulated wall
The learner must:

- interpret risk assessments to identify **hazards** and ensure any c**ollective protection equipment** is used correctly.
- inspect the internal and external areas to identify that any additional issues or **hazards** are mitigated.
- report issues and mitigating work carried out in accordance with organisational procedures.
- ensure that the work area is cleared and ready for the given tasks and surrounding areas are protected correctly.
- ensure that all necessary repairs are completed prior to installation
- carry out calculations to identify quantities of **materials** required for the given tasks.
- select and prepare the range of appropriate **materials** required.
- ensure all resources are in place and set out, safely and logically for the given tasks.
- understand the implication that the work may have on existing warranties and guarantees and how to identify them.
- identify when **specialist skills and knowledge** are required.

- Identify how to record, report and rectify **unintended consequences** not addressed in the design

4. Be able to carry out the application of tape and joint finishes to internal insulated wall.

Delivery content:

The aim of this learning outcome is to provide the learners with the skills and knowledge to apply surface finishes to internal insulation.

The learner must:

- demonstrate how to seal gaps where appropriate and fix joint tape to angles and straight joints
- know how to apply base, dub out and / or primer coats where appropriate
- be able to carry out examples finished taped joints to an industry acceptable standard
- Demonstrate how to blend in to a finish for decoration
- demonstrate how to reinstate a variety of fixtures and fittings and seal appropriately.

5. Be able to complete works following applying tape and joint finishes to internal insulated wall.

Delivery content:

The aim of this learning outcome is to provide the learners with the skills and knowledge to complete work.

The learner must:

- explain and demonstrate how to complete **post installation checks**
- identify why and how the disposal of waste must be carried out safely in accordance with the following:
  - current legislation
  - environmental responsibilities
  - organisational procedures
  - suppliers and manufacturers' information
  - data sheets
  - statutory regulations
  - official guidance
- explain why it is important to provide post installation advice and guidance to building occupants and clients including homeowner packs
- leave the work area in a safe clean condition, using collective protective measures as appropriate.
- ensure that work and the surrounding area is protected from the risk of damage
- complete all final paperwork as required and file correctly.

Scope of Training

The Scope of Training identifies areas that must be covered during the delivery of this unit. This is the minimum that is expected but tutors are expected to include other areas, knowledge of which will benefit their learners, based on location, types of work available and from the tutor's own professional experience.

Assessment:

The Assessment Workbook is available from NOCN.

	Requirements		
Documentation	Current legislation relating to health and safety Job specification Method statements Data sheets	Risk assessments Manufacturers guidance Building regulations Schedules	
Drawings	2D and 3D drawings BIM related models Site and location plans	Assembly plans Section plans	
Common scales	To include: 1:5, 1:10, 1:20, 1:50, 1:100 and 1:500		
Tools	Masonry drill Screw drivers Snips Measuring tape 25mm snap off knife Plastering trowel Whisk	Battery drill Spirit level Lazer level Rasp Plastic float Sealant gun Spatulas	Hammer Grips Expanding foam gun Steel float Brushes
Equipment	Sponges Vacuum cleaner Working platform Mixer Corner beads	Sweeping brush Cleaning wipes Step ladder Hop up Water bucket	Dust sheets Floor protector rolls Cloths / rags Ladder Mixing buckets
Materials	Waste bags / bin Masking tape Adhesive foam for joints Plaster Textured finish powder	Disposable covers Staples Insulation Water Ames cement Filler	Screws Pipe clips Wall plugs Sealants bonding
Personal protective equipment	Steel toe-capped boots Gloves Goggles Hard hat	High-visibility clothing Respiratory protection Hearing protection Skin protection	
Collective protective equipment	Signage Barriers Sheeting	LEV (Local exhaust ventilation)	
Hazards	Slips, trips and falls Working at height Confined spaces Manual handling Cuts and abrasions Dust inhalation Heat	Hazardous substances Fire Electrical equipment and leads Plant and equipment Chemical injuries Fumes	
Protection	Signage Barriers Plastic/hessian sheeting	PPE LEV	
Special skills and knowledge	Fire safety Electrical Media cables	Asbestos Radon Heritage	

	Signal receiving equipment Junction boxes	Ecology Ventilation Flue
Unintended consequences	The existence of thermal Bridges, thermal bypassing Water ingress	Ventilation Condensation risk
Pre installation check	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) loose surface finishes internal cracking water ingress damp proof course
Post installation checks	Compliance with specifications, Resistance to water penetration, Fixing,	Vents, Services (gas, electric, water, Media cables)

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