

Unit: ConClip 1 • Insulation • Mounting of Wall Insulation Boards
Unit Level: Proposed level 3

Guided Learning Hours: To be agreed

Unit Credit value: To be agreed

Assessment guidance:

This Unit must be assessed in a work environment. Assessors for this Unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods including Observation of candidate performance and questioning.

This Unit must be assessed against one of the following endorsements

- ▶▶ Rigid insulation panels
- ▶▶ Insulation coverings
- ▶▶ Partitions

Learning Outcomes and Assessment Criteria

Learning Outcome – The Learner will:	Assessment Criterion – The Learner can:
1. Interpret information relating to the work and resources when installing insulation to walls	1.1 Interpret relevant information from drawings, specifications and suppliers information
	1.2 Comply with information and /or instructions from risk assessments and method statements
	1.3 State how to report inappropriate information and unsuitable resources and how they are rectified
2. Select the required quantity and quality of resources to install insulation boards	2.1 Select resources in relation to materials, components., fixings, tools and equipment
	2.2 Describe the characteristics, quality, uses, sustainability, limitations, and defects associated with : <ul style="list-style-type: none"> ▶▶ Insulation systems ▶▶ Internal insulation material ▶▶ Hand and/or power tools and equipment
	2.3 Describe how the resources should be used correctly and how problems are reported
	2.4 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install insulation
3. Comply with information to install insulation to walls	3.1 Demonstrate the following work skills when installing insulation:

	Measuring, marking out, cutting, fitting, finishing, positioning, sealing and securing
	3.2 Prepare and install insulation to walls through work instructions
4. Install Insulation Boards	4.1 Prepare correct adhesive mix following manufacturer's instructions and ensure adhesive covers 40% of surface board
	4.2 Demonstrate that adhesive mix is minimum of 3cm high with continuous coil at edges
	4.3 Apply adhesive mix to 3 bearing spots on the insulation board
	4.4 Place insulation board to wall in a staggered position in each row ensuring clean and closed joints, removing any excess adhesive
	4.5 Cut to size boards using appropriate hand tools ensuring clean cut with panels being offset at building corners
5. Secure insulation boards to walls	5.1 Follow manufacturer's instructions using appropriate tools to form correct depth of holes in insulation boards to insert approved dowels
	5.2 Demonstrate that holes form a W format in securing board to wall and insert dowels to correct depth
	5.3 Insert the correct size plugs into holes ensuring a tight fit
6. Minimise the risk of damage to the work and surrounding area when installing insulation to walls	6.1 Minimise damage and maintain a clean work space
	6.2 Dispose of waste in accordance with instructions
	6.3 Describe the needs of other occupations and how to effectively communicate within a team when installing insulation to walls
	6.4 Describe how to maintain tools and equipment used when installing insulation to walls