

ECVET Earth Building	<b>Formwork</b> Cob, Rammed and Light Earth	<b>Unit F</b>
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<b>Learning outcomes</b>		<b>Levels 1+2</b>
KNOWLEDGE	SKILLS	
<ul style="list-style-type: none"> <li>- Formwork types and requirements (assembly, safety, storage):               <ul style="list-style-type: none"> <li>o Moving or static</li> <li>o Partial, integral</li> <li>o Traditional (historical), manufactured</li> </ul> </li> <li>- Formwork assembly: formwork key, spacer tubes, wood spacers</li> <li>- Block-outs (negative / imprint) for constructive details:</li> <li>- Materials for formwork (different skins, surfaces)</li> <li>- Installation of the formwork: handling, transport, set up, alignment, plumb, clamp connectors</li> <li>- Factors influencing the final rammed wall surface quality</li> <li>- Specific safety works at height and handling</li> <li>- Health and safety regulations</li> </ul>	<p>Level 1 to observe and understand, Level 2 to carry out under supervision</p> <p><b>Set up and rotation</b></p> <ul style="list-style-type: none"> <li>- Set up, fix and prop the formwork to suit the wall length</li> <li>- Manage the use and rotation of the shutters</li> <li>- Set up and remove block-outs</li> <li>- Remove the formwork</li> </ul> <p><b>Maintenance</b></p> <ul style="list-style-type: none"> <li>- Clean, maintain and store the shutters and accessories</li> </ul> <p><b>Planning and Organisation</b></p> <ul style="list-style-type: none"> <li>- Select and use appropriate tools and machines</li> </ul>	

## COMPETENCE

## Level 1

**Planning and organising for own work**

- Be ready to work on time, with appropriate clothing, ppe etc
- Keep work area clean and tidy

**Execution, quality control and coordination within the earth building team**

- Follow instruction

**Communication beyond the earth building team**

- Ask questions

## COMPETENCE

## Level 2

**Planning and organising for own work**

- Be ready to work on time, with appropriate clothing, ppe etc
- Keep work area clean and tidy

**Execution, quality control and coordination within the earth building team**

- Follow instructions, explain what you already know
- Work with the team
- Notice important stages in the work, assembly, checking, removal

**Communication beyond the earth building team**

- Ask questions

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<b>Criteria and Indicators for the Assessment of Skills</b>		<b>Levels 1+2</b>
<b>Criteria</b>	<b>Indicators</b>	
Planning and organising	<ul style="list-style-type: none"> <li>- Able to organise own time and clothing appropriate to the work</li> <li>- Work area kept clean</li> <li>- Follow instruction</li> <li>- Observe and explain the different stages</li> </ul>	
Maintenance	<ul style="list-style-type: none"> <li>- All elements of the formwork are cleaned and stored under dry conditions</li> <li>- Damaged and worn out parts are sorted out and replaced</li> </ul>	

Ensure that standards of work and materials comply with relevant codes of practice and to current standards.