



Module Descriptor

Floor and Wall Tiling

Award Type: Minor
Award Level: 3
Award Code: 3N0523
FÁS Assessment Code: 3N0523-052
Validation date 22nd November 2011

Revision 1.0

Module Descriptor

Purpose: The purpose of this module is to equip the learner with the knowledge skills and competence to complete a range of wall and floor tiling activities in a supervised environment.

Module Duration: The learning effort required from a typical learner to successfully achieve the stated learning outcomes for the module is **50 (fifty)** hours.

Learning Outcomes: By the end of this module, the learner will be able to:

1. Select the materials and tools required to complete a range of tiling activities
2. List the sequence to be followed when laying floor tiles and fixing wall tiles
3. Prepare an area for tiling
4. Cut tiles using hand and power tools
5. Fix and lay floor and wall tiles
6. Grout and clean floor and wall tiles
7. Follow designs and patterns for fixing and laying tiles
8. Apply appropriate health, safety and personal hygiene procedures when tiling floors and walls

Key Learning Points

Learning Outcome 1: Select the materials and tools required to complete a range of tiling activities

Key Learning Points

- Knowledge of hand and power tools.
- Reading names, parts, functions, and safety precautions of each tool
- Writing names, parts, functions and safety precautions of each tool
- Knowledge of a range of different Tiles, Adhesives, Grouts, and their uses
- Calculating and writing a list of materials required to complete a project
- Selecting materials and tools for different activities

Learning Outcome 2: List the sequence to be followed when laying floor tiles and fixing wall tiles

Key Learning Points

- Knowledge of different types of floor tiles
- Preparation of a floor area for tiling
- Setting out floor tiles
- Applying adhesive
- Cutting and fixing tiles
- Applying grout, cleaning and polishing tiles
- Knowledge of different types of wall tiles
- Preparation of a wall area for tiling
- Setting out wall tiles
- Applying adhesive
- Cutting and fixing wall tiles
- Applying grout, cleaning and polishing tiles

Learning Outcome 3: Prepare an area for tiling

Key Learning Points

- Calculating amount of tiles required
- Identifying type of surfaces prior to tiling
- Applying correct method of preparation to each surface
- Removing wallpaper or paint
- Retiling over old tile surfaces
- Tiling onto new surfaces
- Filling uneven surfaces
- Boxing in or panelling
- Washing area before tiling
- Listing the safety precautions before each sequence of work

Learning Outcome 4: Cut tiles using hand and power tools

Key Learning Points

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| <ul style="list-style-type: none">• Knowledge of the different hand and power tools for cutting tiles• Using a tile cutting machine• Using a cutting/wheel snapper• Using a Mini angle grinder• Reading and understanding safety precautions relevant to each tool |
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Learning Outcome 5: Fix and lay floor and wall tiles

Key Learning Points

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| <ul style="list-style-type: none">• The different types of floor tiles (shapes and sizes)• Marking out the floor• Setting out methods• Knowledge of tool for setting out• Positioning of first row of tiles• Laying the tiles• The different types of wall tiles (shapes and sizes)• Marking out the wall• Hanging first row of tiles• Positioning and fixing horizontal and vertical battens• Spreading adhesive and tools to use• Tiling around Windows, Doors, Sockets, Switches and curve objects |
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Learning Outcome 6: Grout and clean floor and wall tiles

Key Learning Points

- Knowledge of different grouts
- Removing tile spacers
- Applying grout
- Removing surplus grout
- Making and using a grout shaper
- Cleaning and polishing the tiled surface

Learning Outcome 7: Follow designs and patterns for fixing and laying tiles

Key Learning Points

- Drawing a paper plan
- Designing a pattern scheme
- Positioning of patterned tile, insets, dados onto to a paper plan
- Drawing different pattern schemes

Learning Outcome 8: Apply appropriate health, safety and personal hygiene procedures when tiling floors and walls.

Key Learning Points

- Identify health and safety issues when tiling
- Writing a list of safety measures when tiling floors and walls
- Writing a list of safety measures when using power and hand tools
- Identify hazards in your field of work
- Personal protective equipment procedures
- Applying health, safety and personal hygiene procedures

Assessment Specification

Award Title	Floor and Wall Tiling
Award Type	Minor
FÁS Assessment Code	3N0523-052
Award Code:	3N0523
Credit Value :	5

Learning Outcome	Performance Criteria (Knowledge, Skill & Competence)	Assessment Techniques	Weighting	Assessment Instrument	Assessment Evidence
1	Knowledge Skill	Skills Demo	5%	Learner's Instructions S1 and S2	Assessment Sheets
2	Knowledge Skill	Skills Demo	5%	Learner's Instructions S1 and S2	Assessment Sheets
3	Competence Skill	Skills Demo	15%	Learner's Instructions S1 and S2	Assessment Sheets
4	Knowledge Skill	Skills Demo	15%	Learner's Instructions S1 and S2	Assessment Sheets
5	Knowledge Skill	Skills Demo	40%	Learner's Instructions S1 and S2	Assessment Sheets Completed area
6	Knowledge Skill	Skills Demo	10%	Learner's Instructions S1 and S2	Assessment Sheets Completed area
7	Knowledge Skill	Skills Demo	5%	Learner's Instructions S1 and S2	Assessment Sheets
8	Competence Skill	Skills Demo	5%	Learner's Instructions S1 and S2	Assessment Sheets

Suggested Learning Methodologies

- Skills demonstration
- Discussion groups
- Practical work training
- Simulated work environment

Specific Module Requirements

The following is a recommended list. The list is not definitive as some of the items listed may not be essential in order to run the course. Items other than those listed may also be acquired for the course at the discretion of the Manager

Steel rule, Tape measure, Tiling gauge, Hammer, Spirit level, Battens, Chinagraph pencils, Straight edge, Adhesive spreader, Grout spreader Grout shaper, Clean cloth, Sponge, Screwdriver, Filling knife, Steel float, Stanley knife, Electrical drill, Masking tape, Sealant dispenser, Sealant, Platform tile cutting machine, Nibblers, Tile saw, Tile file, Tiles corer, Mini angle grinder, Clamps, Carpenter's stool, Thick gloves, Safety goggles, Safety boots, Mask, Cross shaped tile spacers, Plastic corner trim, Adhesive (ready-mixed or power form) All purpose grout, Wall tiles and Floor tiles

Suggested Learning Resources

Generic Skills: Literacy and Numeracy

The learners will keep and maintain a **Learning Diary** throughout the course in order to record and file any useful and relevant information on any aspect of Floor and Wall Tiling.

At the end of every week the learners will complete a short **Weekly Reflective Sheet** in order to reflect on their learning and progress during that week.

This Weekly Reflective Sheet will assist the learners to develop their generic skills of literacy, numeracy, communications and quality awareness and will give learners an opportunity to develop their writing skills.

The learners will create a **Personal Dictionary** of new words, key words and terms relating to Floor and Wall Tiling. This Dictionary will be updated each week and kept in the Learning Diary.

The learners, as a group, will add words and terms relating to Floor and Wall Tiling to a **Key Word and Terminology Bank**. The learners will find words listed in text books, class notes, DVDs and internet websites etc.

The learners will complete a **Word Search**. When the learners have gained sufficient practice and experience at word searches, each learner will make up 1 (one) Word Search/Quiz which will be completed by the group.

Learners will refer to **Using a Mathematical Glossary** and identify the symbols relevant to Floor and Wall Tiling.

Generic Skill: Teamwork and Communications

Learners will discuss the importance of teamwork with the instructor using the **Teamwork Guide**.

Learners will take part in a **Teamwork Exercise** by designing, planning and carrying out a project which will incorporate group discussions.

The learners will complete the **Team Review Sheet** after completing the Teamwork exercise.

Recommended by: _____

Manager Training Policy Development and Support

Approved by: _____

Director Training Policy Development and Support