Occupation: Wall and Floor Tiler
Wall and Floor Tilers operate in domestic and commercial properties and undertake all types of wall and floor tiling. Properties and premises include houses, schools, offices, airports, hospitals, factories and construction sites. The work is varied with tilers utilising and installing a wide range of ceramic and natural stone tiles using different techniques. Tilers work both internally and externally; they work individually and/or as part of a team. They have a good knowledge of tiles, surfaces and ancillary products and understand and comply with statutory, safety and environmental requirements. They are good problem solvers and communicators and are able to interact effectively with colleagues, clients and associated trades. The tiler must also be able to interpret drawings and be able to extract relevant information for the task in hand. The tiler must be able to recognise and achieve high levels of quality in their finished work.

<table>
<thead>
<tr>
<th>WORK ASPECTS</th>
<th>KNOWLEDGE &amp; UNDERSTANDING</th>
<th>SKILL</th>
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<tbody>
<tr>
<td><strong>Work Methods</strong></td>
<td>A Wall and Floor Tile Fixer will know and understand</td>
<td>A Wall and Floor Tile Fixer will be able to</td>
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<td>- The purpose, characteristics and application of materials, tools and equipment</td>
<td>- Identify and minimise hazards and risks in the workplace, ensuring a safe environment is maintained at all times. Follow safety procedures, risk assessments, method statements and work instructions</td>
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<td>- Safe handling, storage and protection of materials and equipment and work area</td>
<td>- Make the most efficient and effective use of resources, time and materials</td>
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<td>- Safe and efficient working methods and appropriate work requirements in accordance with Health and Safety legislation</td>
<td>- Select, use, maintain and store tiling tools and equipment</td>
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<td>- Methods and techniques for the installation of porcelain, stone, conglomerate and mosaics in accordance with British Standards</td>
<td>- Prepare backgrounds, install wall and floor tiles and produce finished work that conforms to British Standards</td>
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<td>The most appropriate products for each application and relevant factors influencing selection in different settings</td>
<td>- Report accidents or incidents in the workplace in accordance with organisational and legislative requirements</td>
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<td>Different types of communication and understanding of customer requirements to include formal and informal methods with the ability to respond to customer needs</td>
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to receive wall and floor tiling

- The implications that can arise from the installation and use of under floor heating
- Factors affecting tanking & tiling to wet room installations.
- Causes of common problems and how these can be prevented

| Preparation and Application and Removal | Identify substrate type and condition to determine appropriate preparation methods/products
| Difference in types of common preparation methods, make-up and application; screed, levelling compounds, priming and surface preparation, depending on substrate
| Select materials including: wall and floor tiles, primers, levelling compounds, screeds, adhesives, grouts, trims and ancillaries suitable for the substrates, tile products and installation environment
| Different types of resources, tools and equipment for preparing backgrounds and fixing wall and floor tiles
| Select suitable hand/power tools and Personal Protective Equipment (PPE)
| Different types & weight limits of wall & floor substrates
| Calculate required amounts of tiles, materials and resources for the work requirements
| How to protect the work and its surrounding area from damage
| Prepare wall and floor backgrounds (including level and plumb) using primers, renders, levelling compounds and screeds
| Different types of screeds/render & specialist preparations such as waterproof tanking, decoupling and anti-fracture membranes
| Set-out for tiling wall and floor areas
| The impact of Drying and Curing times for various backgrounds
| Measure, mark & cut tiles in accordance with work requirements to include cutting around obstacles such as pipes, sockets and drains
| Measuring and setting out procedures
| Apply adhesives and fix tiles to wall and floor surfaces
| How to estimate and calculate required amounts of tiles, materials and resources including allowing for wastage
| Grout and finish tiles to wall and floor areas
| Removal and installation techniques and methods (including remedial works) for removing and fixing different types of wall and floor tiles and accessories including trim
| Install tanking systems, decoupling membranes and electric under-tile heating
| Different types of adhesives & grouts (i.e. cementitious/epoxy)
| Undertake remedial work in accordance with specification.
| Handling, measuring, cutting techniques and how product type/size affects this
| Be able to remove and replace individual damaged tiles without causing damage to adjacent finishes
| Types of under floor heating and how and when to tile

**Behaviours**

Wall and Floor Tile Fixers will be expected to demonstrate:

- Their responsibilities towards their own and others safety in the workplace
- A strong work ethic, motivated, reliable and adaptable
- Attention to detail, quality and continuous improvement
- A customer focused attitude
- Effective communication in a team, with clients or with management

**Duration:** Typically 30-36 months. This timescale may reduce if an apprentice is part qualified on entry.

**English and Maths:** Apprentices without Level 1 English and Maths will need to achieve this level and take the test for Level 2 English and Maths prior to taking the end point assessment.

**Review Date:** The Standard will be set at Level 2 and will be reviewed after 3 years.