

## Overview

This standard covers the skills and knowledge needed to fabricate glass framing systems by processing materials, which could include cutting, bending, and drilling. This involves preparing the materials for the process, and ensuring the correct type and quality are available. You will then use the appropriate equipment to apply the process in a way that meets the specification. You have to identify any problems with the process and take the appropriate action.

This unit applies to operatives who fabricate windows, doors, conservatories and curtain walling.

## Performance criteria

### *You must be able to:*

1. comply with health and safety requirements and procedures at all times
2. identify and confirm specifications for preparation of the materials
3. check materials are available for processing to meet specifications
4. select the type, quantity, and quality of materials to be used during the processing to meet specifications
5. prepare materials to meet specifications following standard operating procedures
6. identify any problems and deal with them following standard operating procedures
7. store prepared materials following standard operating procedures
8. identify suitable methods for processing materials to meet specifications
9. position materials for processing to meet specifications
10. process materials to meet specifications
11. monitor the processing of materials to ensure they achieve the specifications
12. use materials to minimise wastage following standard operating procedures
13. record information on the processing of materials in the appropriate information systems

## Knowledge and understanding

### *You need to know and understand:*

1. relevant health and safety responsibilities and obligations
2. relevant health and safety procedures that need to be followed
3. type of processing undertaken
4. preparation equipment used
5. preparation processes applied to different materials
6. type, quantity, and quality of materials used in different processes
7. appropriate storage areas for materials before and after processing
8. methods for processing different types of material
9. how to position materials correctly
10. how to utilise materials to minimise wastage
11. problems that can occur and standard operating procedures for dealing with them
12. information systems used
13. why it is important to use the information systems

Fabricate glass framing systems by processing materials

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**Relevant Occupations** Glaziers Window Fabric and Fitters

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**Suite** Production of Glass Supporting Fabrications

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