

# Unit 1 Quality of materials

**External Exam component**

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**What do the following properties mean?**

**Strength**

**Stability**

**Fire resistance**

**Thermal insulation**

**Sound insulation**

**Weather resistance**

**Sustainability**

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**Research the following areas of construction and produce a PowerPoint highlighting the key facts for all and include Images to support. Include what materials are used, examples of where they are used etc.**

- **Fire resistance**
- **Thermal insulation**
- **Sound insulation**
- **Weather resistance**
- **Sustainable construction**

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## What I'm looking for each material/property:

- **Equipment/Materials**
- **U values (where relevant)**
- **Location**
- **Types**
- **Sustainable materials**

- **Fire resistance**
- **Thermal insulation**
- **Sound insulation**
- **Weather resistance**
- **Sustainable construction**