**Unit 202: Changing practices over time**

# Worksheet 3 (Tutor)

1. List **three** types of external walls that are used to construct buildings that have evolved from pre-1919 construction.
2. Brick and block cavity walls
3. Timber frame and brick or block
4. Metal frame
5. List **four** components of a cavity wall.

Accept any four of the following:

* Wall ties
* Insulation
* Cavity closure
* Blocks
* Bricks
* DPM

1. List **two** examples of pre-blended plasters.

Accept any two of the following:

* Multi finish
* Bonding compound
* Bonding backing coat

1. Complete the table by placing the following in the correct order and era.

|  |  |  |  |
| --- | --- | --- | --- |
| 1950s | Standard plasterboard | Galvanised nails | Ceiling joists |
| 2000s | Aqua panel cement board | Mechanical screws | Metal frames |
| 1980s | Thermal laminated plasterboard | Dry wall dabs | Masonry wall |

1. Research and describe the following interior systems components.

**Resilient bar**

Resilient bars are designed to significantly improve the sound insulation of walls and ceilings by creating a barrier between the plasterboard and the wall stud or ceiling joists.

**Deflection head**

Deflection heads are used within metal partitions and linings when needing to allow for movement (up, down or both) within the structure at the head of a partition. This movement (or deflection) is created by live and dead loads on the floor or roof above.

**Intumescing seal**

Intumescent sealants, also known as fire mastics, reinforce the fire resistance of walls, floors and door frames by sealing linear gap joint seals and metallic pipe penetrations.