

## Block and Beam WATER UNDERNEATH

Example



Spreading MOT (aggregate) under beams generally means using it as a **sub-base** or **blinding** layer beneath a block and beam floor or foundation.

**Purpose:** The aggregate is compacted to provide a stable, level platform, improve drainage, and prevent the final structure from shifting over time.

**Material:** **Type 1 MOT** is the most common material, as it binds well when compacted.

**Process:**

**Excavate** the area to the required depth.

**Compact** the existing ground (formation level).

**Lay** a suitable geotextile membrane to prevent weed growth and stop the aggregate from mixing with the soil.

**Spread** the MOT aggregate to the desired thickness (e.g., a minimum of 75mm for a patio, 150mm for a driveway).

**Compact** the MOT using a plate compactor to create a solid and level base. A thin layer of sand may be applied and compacted on top to provide a perfectly smooth finish (known as "blinding").



Why is water inside the extension but not on outside – is this surface water or water table



