

## Case Study: Timberwise Framed by Client !

Beneath a large country manor house in Somerset stood a damp, dark and dingy stone barrelled vault.

The Timberwise office at Sherborne were contacted by the owner to see if it would be practical to convert this unusable basement area into a workshop and playroom. Following a survey and establishing the needs of the client a proposal was put forward to provide a 'Type C' drained basement waterproofing system in accordance with BS: 8102.

The floor, walls and the ceiling of the vault were lined with a cavity drainage membrane and WaterGuard™ perimeter drainage was introduced around the perimeter of the existing concrete floor, discharging to an existing floor drain in the adjoining wine store.

The floor area was then over laid with 22mm moisture resistant chipboard and studding formed all round, walls plaster boarded and rough skimmed.

In conjunction with the main basement waterproofing works two mechanical 'positive pressure' ventilation systems were installed to improve air quality as no passive ventilation existed.

Having completed the works the client then decided to split the area into two and a central timber framed wall was introduced to form two distinct areas in the basement. With the improved lighting and the introduction of heating the client, who is a keen 'picture framer', now has a clean, dry and warm workshop whilst his children have a bright and spacious play room.

*Timberwise recommend that all basement installations receive an annual 'Check & Clean' to ensure that the waterproofing system remains in peak condition.*



Basement Waterproofing Works in progress



Completed Basement Waterproofing works awaiting decoration



View from playroom into workshop