

# B-Test™ Case Study

## NHS Live Hospital Testing

**Date:** 2025  
**Sector:** Healthcare  
**Environment:** Occupied Hospital  
**Test Scope** Annexes A, C, E & F  
**Time saving:** 6-12 months



**BETAN**  
Repair. Refine. Reform.

# Site Problem

## Evidence required that installations were compliant with industry standards:

- Builderswork & door openings had deviated from project details
- Gaps in photographic documentation could not demonstrate compliance
- Large scale invasive works required to inspect partition wall build up and cavities

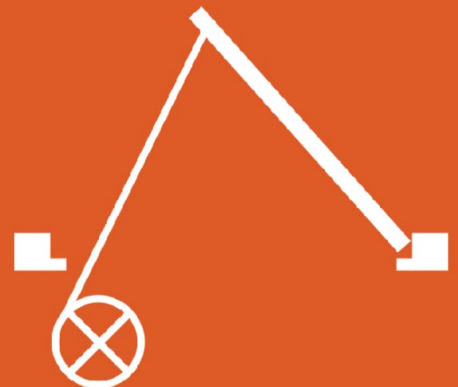
## B-Test Solution

### Onsite tests carried out to walls - demonstrating install complied with industry standards and project performance requirements:

- Walls tested to BS 5234-2:1992 annexes A, C, E & F (severe)
- Annex A - **Stiffness** Establishes the partition's ability to withstand pressure from people or ladders without unacceptable cracking or movement
- Annex C - **Resistance to damage by impact from a large soft body** A test to assess a partitions resistance to damage after two separate impacts from a large spheroconical bag
- Annex E - **Resistance to structural damage by impact from a large soft body** A test to assess a partition's resistance to structural damage from two separate impacts by a large spheroconical bag
- Annex F - **Door slamming** To measure the residual displacement of the door frame and any damage to the partition and frame from repeated door slamming
- No investigative or invasive exploratory works required
- All walls achieved severe duty rating without need for any remedial works



Spheroconical bag used for annexes C & E



Door testing to Annex F

Time Savings

12-24 months

Duty Rating

SEVERE

Sector

NHS

Test Cost

£18k

Days to test

2 Days

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**Smart Savings,**

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**Faster Results,**

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**Fully Compliant.**

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