

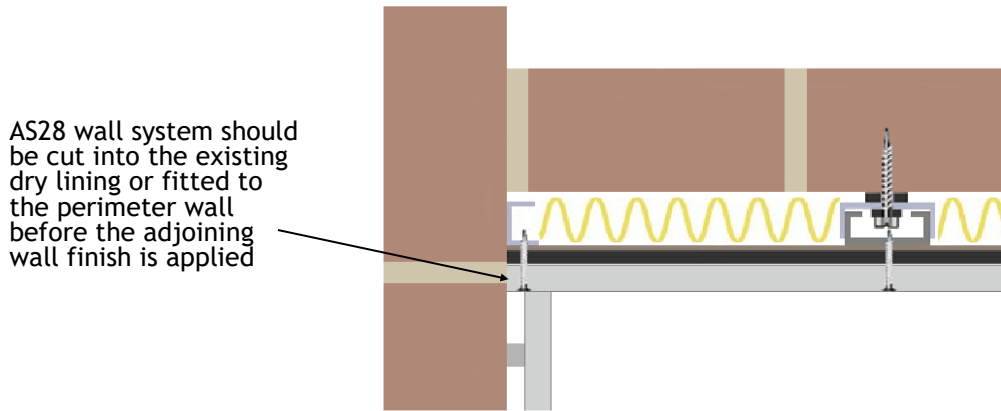
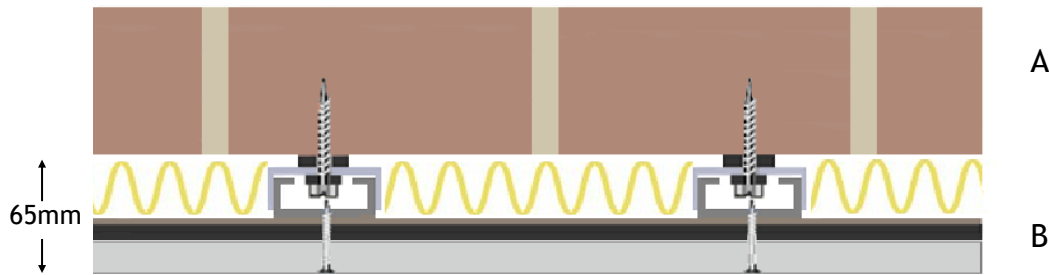
## Material Change of Use - Separating Walls

Upgrade existing single skin masonry wall to provide separating wall between dwellings  
Solution - Slim InstaCoustic high performance acoustic wall system - 65mm thickness

Approved Document E (ADE) Solution (solid masonry core, lightweight block): Wall Type 3.2

- A. Existing 9” or 4” single skin masonry wall
- B. InstaCoustic high performance AS28 acoustic wall system incorporating a 25kg/m<sup>2</sup> sound barrier pad

### Plan Section of Existing Masonry Separating Wall with AS28 Acoustic Wall System



### Field Sound Test Report - F57

Results	Achieved On Site	ADE Regulations
Airborne	48dB D <sub>n</sub> T <sub>w</sub> + C <sub>tr</sub>	43 dB D <sub>n</sub> T <sub>w</sub> + C <sub>tr</sub>

No impact tests are required for separating walls

#### Key Issues

- Ensure that the AS28 acoustic wall is installed on isolation strips
- AS28 acoustic wall should be fitted before adjoining wall finishes are applied (See diagram above)
- Electrical sockets to be extended into acoustic wall with use of plasterboard boxes
- Always stagger electrical boxes in separating wall
- Ensure all acoustic hangers are fitted with isolation grommets and washers
- Ensure all acoustic hangers are fixed at the correct centres