

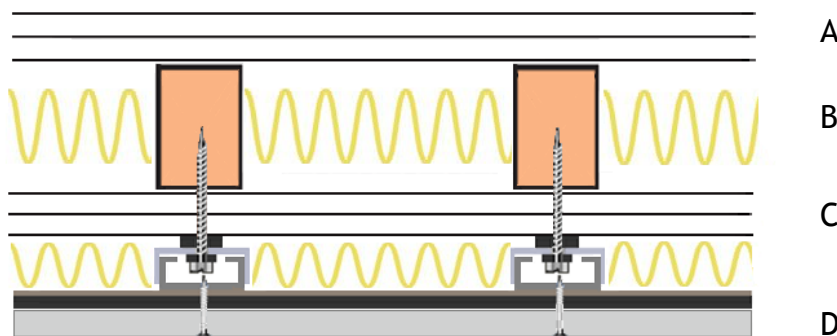
Material Change of Use - Separating Walls

Problem - Create new separating wall or upgrade existing stud wall between dwellings

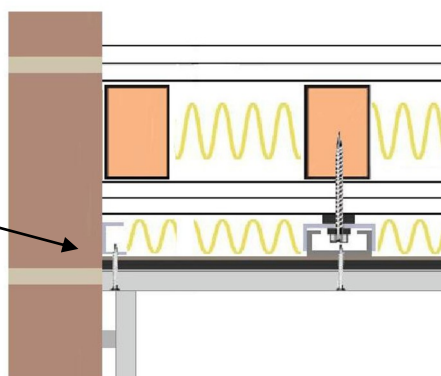
Solution - Slim InstaCoustic high performance wall system - 200mm overall thickness

- A. 2 x 15mm layers of Soundbloc plasterboard
- B. Min 89mm timber single stud or 92mm metal stud with insulation quilt in void
- C. 2 x 15mm layers of Soundbloc plasterboard
- D. InstaCoustic high performance AS28 acoustic wall system incorporating a 25kg/m² sound barrier pad

Plan Section of Stud Separating Wall with AS28 Acoustic Wall System



AS28 wall system should be cut into the existing dry lining or fitted to the perimeter wall before the adjoining wall finish is applied



Field Sound Test Report - F26

Results	Achieved On Site	ADE Regulations
Airborne	48dB D _n T _w + C _{tr}	43 dB D _n T _w + C _{tr}

No impact tests are required for separating walls

Key Issues

- Ensure that the AS28 acoustic wall is installed on InstaCoustic isolation strips (See Registered Acoustic Solution EINS/0110/00019)
- 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