

NOISY NEIGHBOURS

I would do anything for a good nights sleep



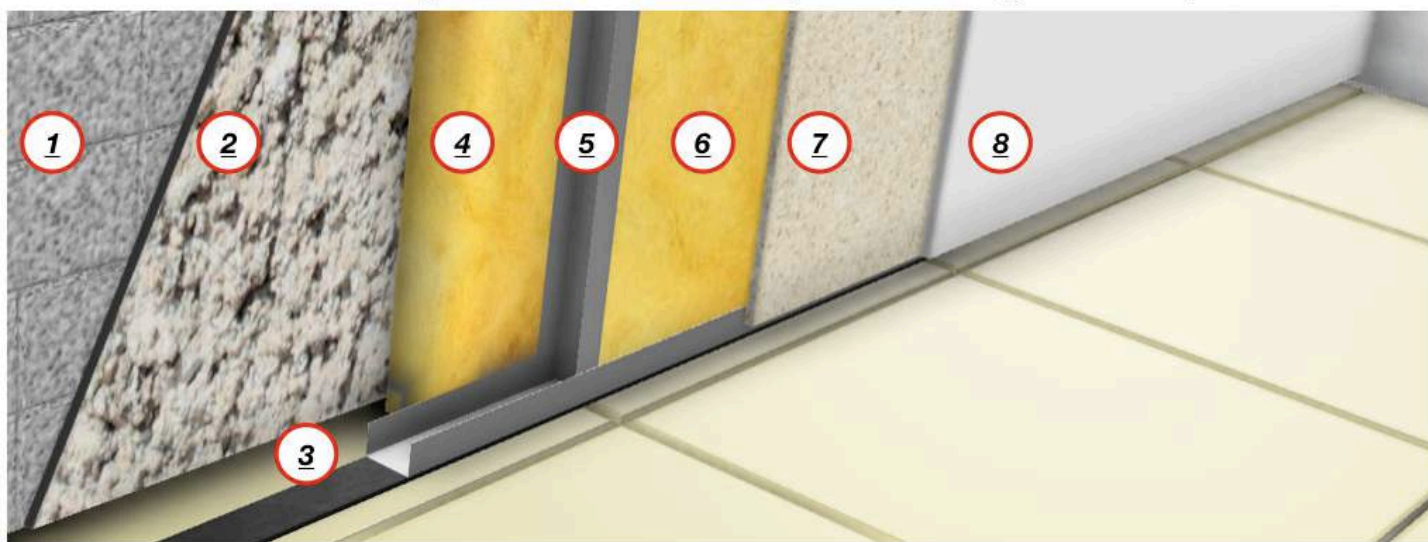
AM Soundproofing Board is a unique sound insulating material.

Its efficiency makes it one of the most powerful noise isolation boards on the market.

Among its advantages in addition to the unique acoustic properties, the board is eco friendly, made out of recycled material.



Acoustic Party wall soundproofing components



1. Existing wall 215mm
2. Sand & Cement 10mm (fire protection)
3. AM Acoustic Resilient Roll
4. First layer of Rockwool Flexi Slab 50mm

5. Metal track & studs 50mm
6. Second layer of Rockwool Flexi Slab 50mm
7. AM Soundproofing board 10mm
8. Plasterboard 12.5mm

Db rating of existing block wall

***Dnt'w = 49-53dB**

Db rating applying AM Soundproofing board system to one side of block wall

Dnt'w = 62dB

Building Regulation Require 53 db

*Predicted values

Db rating applying AM Soundproofing board system to two sides of block wall

Dnt'w = 65dB

Materials Required

- 50mm Metal or timber studs mechanically fixed to the ceiling and floor only
- 5mm A M Acoustic Neoprene roll applied to the perimeter of the stud frame reducing flanking sound
- 50mm x 38kg density stone wool acoustic insulation slabs applied behind and also between studs
- 10mm A M Soundproofing board (10mm x 1200mm x 2400mm) screw fixed to studs
- Fill the joints and perimeter with permanent flexible sealant
- 12.5mm Standard plasterboard (12.5mm x 1200mm x 2400mm) screw fixed to studs
- Joint filler / skim tape
- Paper joint tape / skimming

NOTE:

Stone wool insulation is also applied between the ceiling joist filling the joist 1 mtr into the room off the party wall.

Radiators, electrical sockets or TV points should be moved to adjacent walls where possible.

Wall vents should be checked to ensure the sound path from one house to another is restricted.

For more information Call:
AM Acoustic Materials Ltd.

Unit 8 Glenfield, Kilcoole Industrial Estate, Kilcoole, Co. Wicklow

Phn: (01) 201 5746