

category	soundproofing
description	CAD20-WP (wall panel)
part code	A370



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Designs**



CAD20-WP WALL PANEL INSULATION is specifically designed to reduce airborne noise through walls. It is particularly effective when applied to single skin walls such as breezeblock, brick or studwork partitioning.

Traditional methods of applying insulation to reduce airborne noise transmitted through existing walls took up approximately 150mm of room space using timber studwork and mineral wool infill.

Significant improvements in sound insulation can now be achieved with

the loss of less than 50mm of room space using 20mm-thick CAD20-WP insulation and two layers of plasterboard.

Even greater noise reduction can be obtained if the treatment is applied to both sides of the wall.

The insulated wall shown in detail with the graph below had a sound insulation value of 48dB $D_{nT,W}+C_{tr}$ which is generally an 8dB–10dB improvement (around a halving of the noise) and complies with the requirements of the Approved Document E2003.

Applications

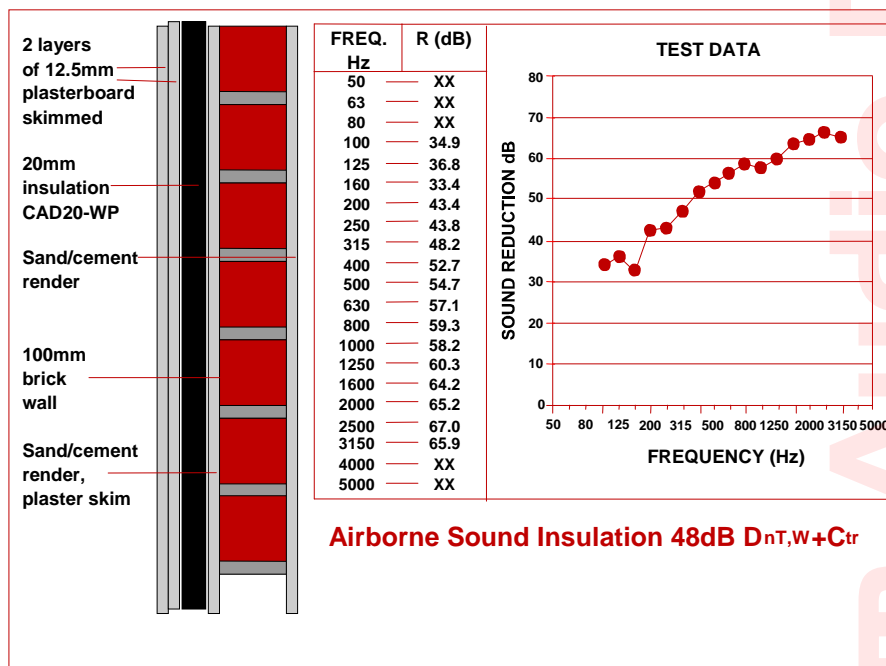
- Specifically designed to absorb and reduce airborne noise through party walls.
- Suitable for domestic party walls and stud partitions.

PLEASE NOTE: This product is not ideally suited for loud music and bass sounds penetrating party walls. (See our high performing/frame systems.)

Installation

- Easy to install.
- It is essential that there are no holes in the existing wall and that the wall surface is smooth and free from dust and debris.
- See detailed preparation and installation instructions on separate sheet.

Acoustic Performance



Technical Specification

Product	A370 – CAD20-WP Acoustic Wall Panel
Colour	Black
Size	1m x 1m
Form	Panels
Weight	15kg/m ²
Thickness	20mm
Density	700 kg/m ²

Additional products required:

- Acoustic plasterboard sheets (PART CODE A432 FOR 12.5MM THICK, A434 15MM, A436 FOR 19MM PLASTERBOARD PLANK)
- Web spray adhesive 500ml (PART CODE A260)
- Flexible acoustic sealant 310ml (PART CODE A250)
- Neoprene tape (PART CODE NE160 FOR 50MM – SPECIFY THICKNESS OF INSULATION PLUS TOTAL THICKNESS OF PLASTERBOARD SHEETS USED)

any product without notice.

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