

NOVAhush Baffle stack



Installing **NOVAhush** baffle stack in a ceiling cavity improves the sound insulation between rooms.

NOVAhush baffles are stacked on top of each other to fill the ceiling void above the partition wall. Energy cannot be transmitted through to the other side.

NOVAhush baffle stack will reduce sound intensity at all frequencies.

Product Description

NOVAhush baffle stack is manufactured from 100% white lofted thermally bonded polyester fibre and adds excellent sound absorption to commercial buildings.

NOVAhush acoustic insulation has a 50 year guarantee, is easy to and has no allergenic properties.

Applications

NOVAhush baffle stack is used in ceiling cavities over partition walls. Noise can travel over the wall via the ceiling cavity, so careful placement of the baffle stack can reduce this transmission.

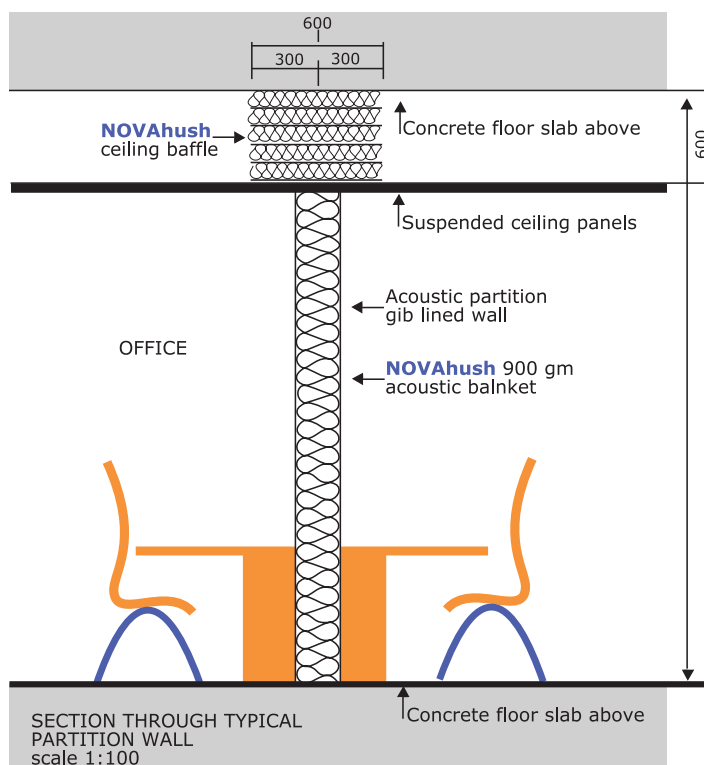
New Zealand Building Code (NZBC B2, F2)

NOVAhush when installed to the manufacturers instructions will satisfy the requirements of NZCC' B2.3d (5years) B2.3c (15 years) and B2.3d (5years) for durability **NOVAhush** comes with a 50-year guarantee from its manufacturer's

Fire Resistance

NOVAhush has been tested to AS1530 pt 3 with the following results

| | |
|-----------------|---|
| Ignitability | 0 |
| Spread of flame | 0 |
| Heat evolved | 0 |
| Smoke developed | 3 |



| Frequency HZ | Density (kg/m) ³ | | |
|-----------------|------------------------------|------|----|
| | 15 | 12.5 | 10 |
| 100 | 28 | 24 | 20 |
| 250 | 16 | 13 | 11 |
| 500 | 19 | 15 | 12 |
| 1000 | 25 | 21 | 17 |
| 2000 | 41 | 33 | 26 |
| 4000 | 36 | 28 | 22 |
| 8000 | 49 | 34 | 29 |
| STC | 22 | 18 | 14 |

Product Properties

Sound transmission loss

Typically mineral fibre ceiling tiles give 30-35CAC. With the addition of 15kg Baffle Stack this figure should increase to around 43-48 CAC.

Pack Size

NOVAhush Baffle Stack is supplied in 600mm wide rolls
 Rolls 11.1m long
 3 Rolls per pack
 20sqm
 Nominal thickness 120m