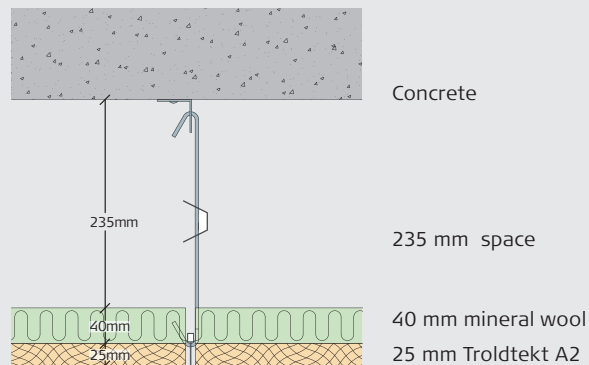


Troldtekt® A2

Sound absorption measurements for
25 mm Troldtekt A2, 40 mm mineral wool suspended 275 mm

VERTICAL SCHEMATIC DIAGRAM



SOUND ABSORPTION MEASUREMENTS

Measurement of the sound absorption coefficients were carried out using the reverberation room method - in accordance with DS/ISO 354.

The measurements are carried out by Peutz.

| Hz | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α | 0,48 | 0,60 | 0,73 | 0,84 | 0,84 | 0,93 | 0,97 | 0,92 | 0,90 | 0,99 | 0,98 | 0,98 | 0,94 | 0,92 | 0,93 | 0,94 | 0,98 | 1,02 |

$\alpha_w = 1,00$ - NRC = 0,90 - Absorptionsklasse A.

Absorption coefficient α

