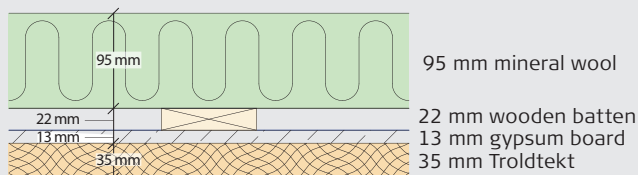


Troldtekt®

Sound absorption measurements for
35 mm Troldtekt, installed on 13 mm gypsum board,
22 mm wooden battens plus 95 mm mineral wool

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 DELTA Acoustics & Vibration A/S.

Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
α	0,25	0,28	0,20	0,20	0,19	0,23	0,30	0,32	0,39	0,49	0,60	0,76	0,86	0,77	0,69	0,61	0,69	0,89

$\alpha_w = 0,40$ - NRC = 0,50 - Absorption class D.

Absorption coefficient α

