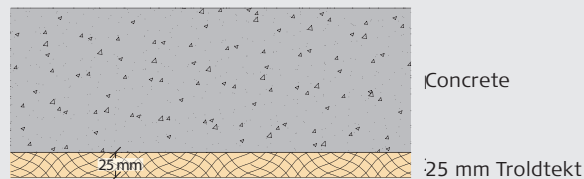


Troldtekt®

Sound absorption measurements for
25 mm Troldtekt , installed directly on concrete

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	0,07	0,06	0,09	0,09	0,13	0,14	0,19	0,23	0,25	0,32	0,43	0,53	0,71	0,79	0,76	0,61	0,56	0,67

$\alpha_w = 0,30$ - NRC = 0,40 - Absorption class D.

Absorption coefficient α

