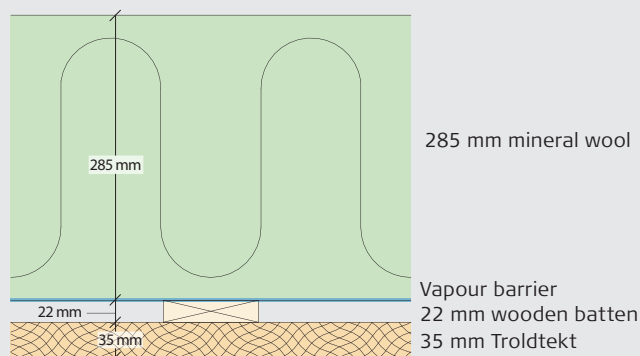


# Troldtekt®

Sound absorption measurements for  
35 mm Troldtekt, installed on 22 mm wooden battens,  
vapour barrier plus 285 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
$\alpha$	0,58	0,80	0,76	0,82	1,01	0,98	0,95	0,94	0,90	0,84	0,90	1,02	0,99	0,82	0,78	0,84	0,91	0,87

$\alpha_w = 0,90$  - NRC = 0,90 - Absorption class A.

Absorption coefficient  $\alpha$

