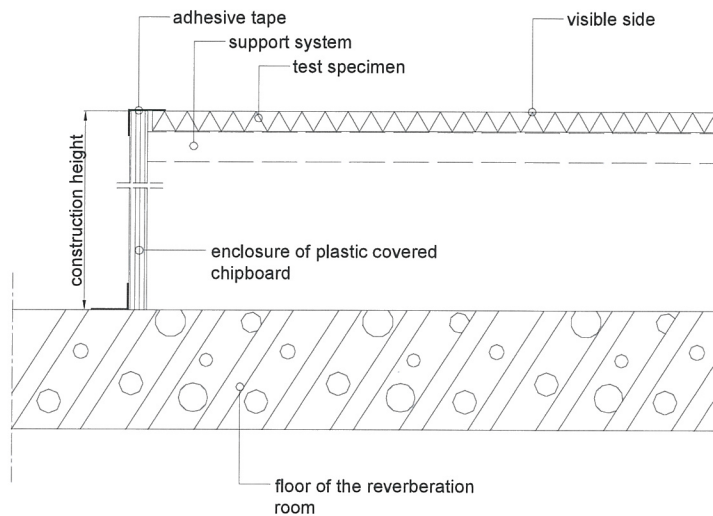


MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM
ACCORDING TO ISO 354:2003



principal: Rockfon, Rockwool A/S

Type Artic, panel thickness 15 mm, production date 17-02-2012, construction height 200 mm



volume reverberation room: 214 m³

surface area sample: 10,8 m²

height of the construction: 0,200 m

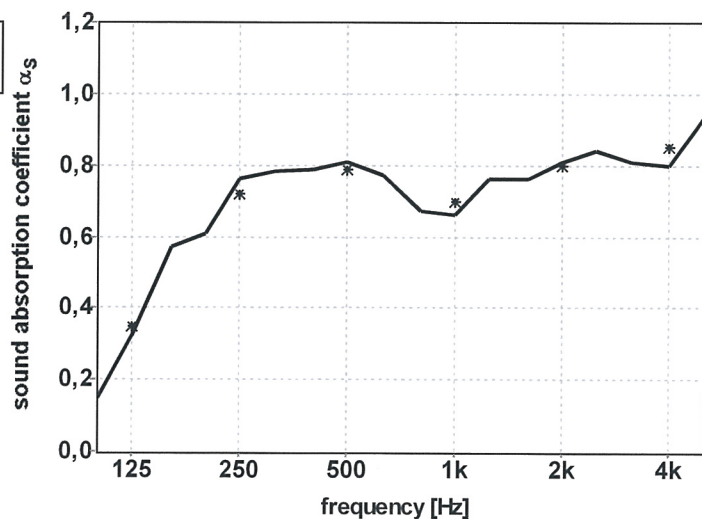
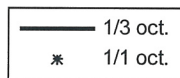
measured at: Peutz Laboratory for Acoustics

signal: broad-band noise

bandwidth: 1/3 octave

α_w (ISO 11654) = 0,80

NRC (ASTM - C423) = 0,75



	0,15	0,61	0,79	0,67	0,76	0,81
1/3 oct.	0,32	0,76	0,81	0,66	0,81	0,80
	0,57	0,78	0,77	0,76	0,84	0,93
1/1 oct.	0,35	0,72	0,79	0,70	0,80	0,85

Absorb, versie 5.7.1 mode 7, PM: RA, file: a2276 E#: 1413-1448 F#: 1449-1484 A#: 1485 T₁ = 17,6 °C T₂ = 17,8 °C p₁ = 101,0 kPa p₂ = 101,0 kPa h₁ = 51,0 % h₂ = 50,5 %