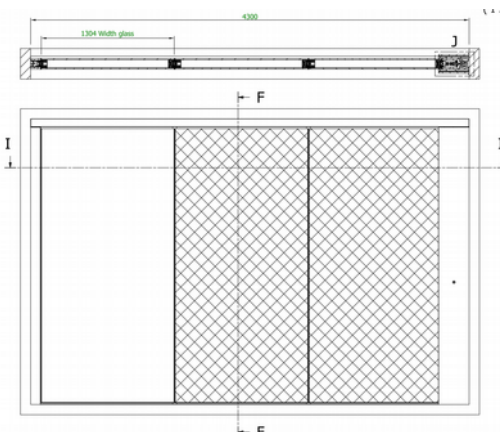


MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 10140-2:2010

principal: Parthos B.V.



construction tested: mobile partition wall type **Transpalace (1 panel) in combination with Palace 110S (2 panels)**



- 1/3 oct.
- * 1/1 oct.
- - ref. curve (ISO 717)

volume measuring room: 111 m³

volume measuring room: 94 m³

surface area tested partition: 12 m²

measured at:

Peutz Laboratory for Acoustics

signal: broad-band noise

bandwidth: 1/3 octave

ISO 717-1:2013

$$R_w(C;C_{tr}) = 50(-1;-4) \text{ dB}$$

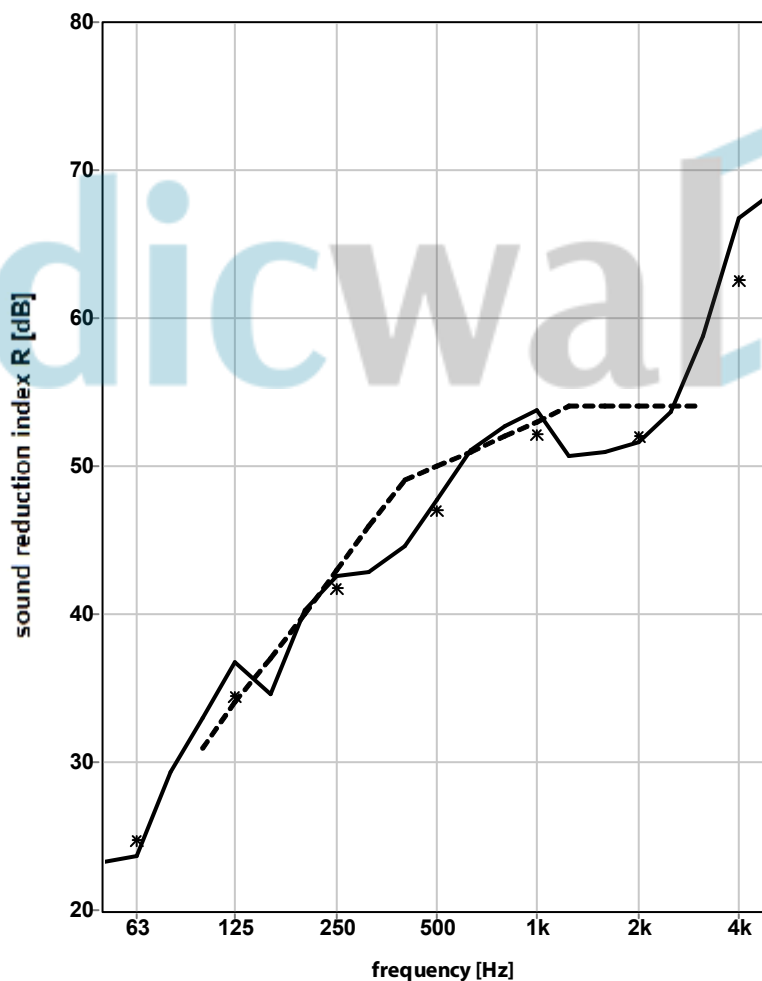
$$C_{100-5000}; C_{tr,100-5000} = (0;-4) \text{ dB}$$

$$C_{50-3150}; C_{tr,50-3150} = (-2;-9) \text{ dB}$$

$$C_{50-5000}; C_{tr,50-5000} = (-1;-9) \text{ dB}$$

ASTM E413-16:2016

STC = 51 dB



	23,3	33,0	40,3	44,6	52,7	51,0	58,8
1/3 oct.	23,7	36,8	42,5	47,7	53,8	51,6	66,8 dB
	29,3	34,6	42,9	51,1	50,7	53,7	68,4
1/1 oct.	24,7	34,5	41,7	47,0	52,2	52,0	62,5 dB

publication is permitted for the entire page only

Mook, measured at 24-03-2021

report A 3870-5E

figure 7