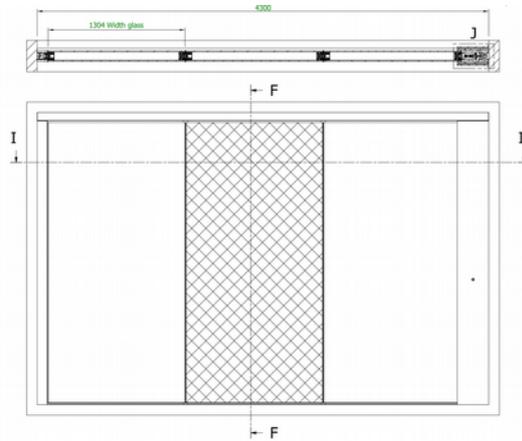


MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 10140-2:2010



principal: Parthos B.V.

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



- 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

$$R_w(C;C_{tr}) = 50(-2;-5) \text{ dB}$$

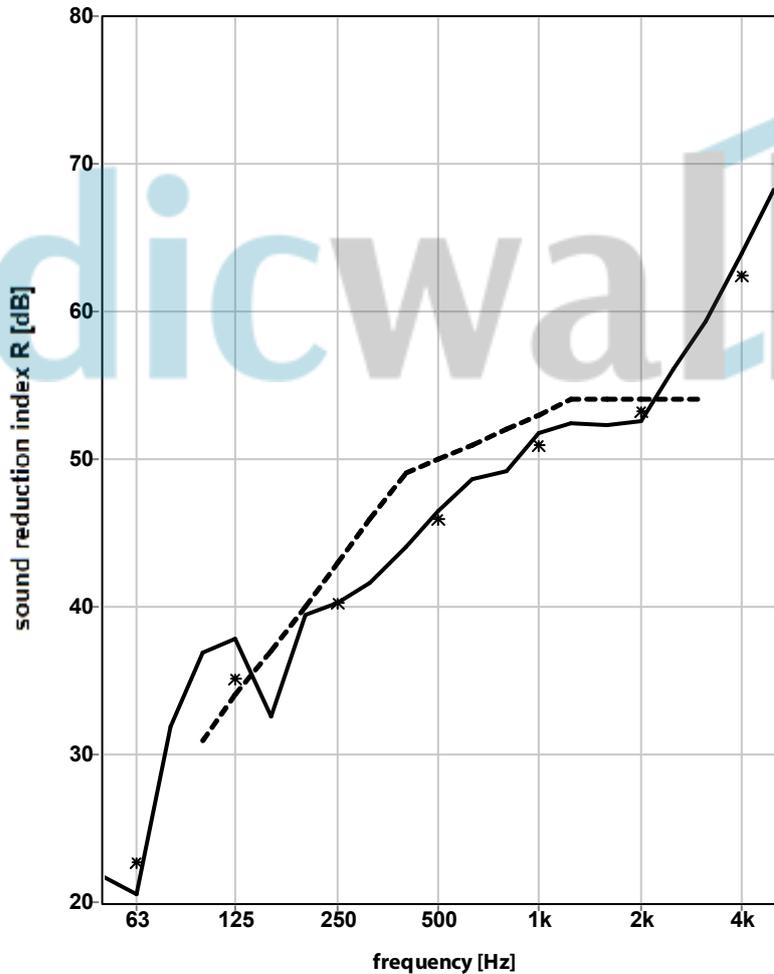
$$C_{100-5000}; C_{tr,100-5000} = (-1;-5) \text{ dB}$$

$$C_{50-3150}; C_{tr,50-3150} = (-2;-10) \text{ dB}$$

$$C_{50-5000}; C_{tr,50-5000} = (-1;-10) \text{ dB}$$

ASTM E413-16:2016

$$STC = 50 \text{ dB}$$



	21,8	36,9	39,4	44,0	49,2	52,3	59,3
1/3 oct.	20,6	37,8	40,3	46,5	51,8	52,5	63,9 dB
	31,9	32,6	41,6	48,6	52,4	56,1	68,2
1/1 oct.	22,7	35,1	40,3	46,0	50,9	53,3	62,4 dB

publication is permitted for the entire page only

Mook, measured at 24-03-2021