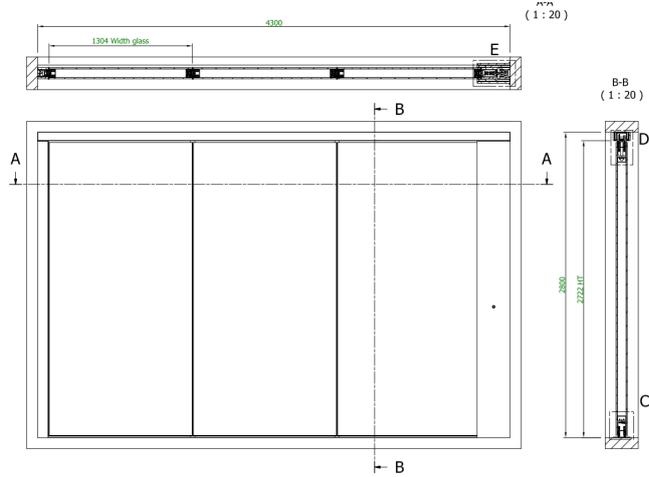


MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 10140-2:2010



principal: Parthos B.V.

construction tested: mobile partition wall type **Transpalace**



- 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

$$R_w(C;C_{tr}) = 50(-1;-5) \text{ dB}$$

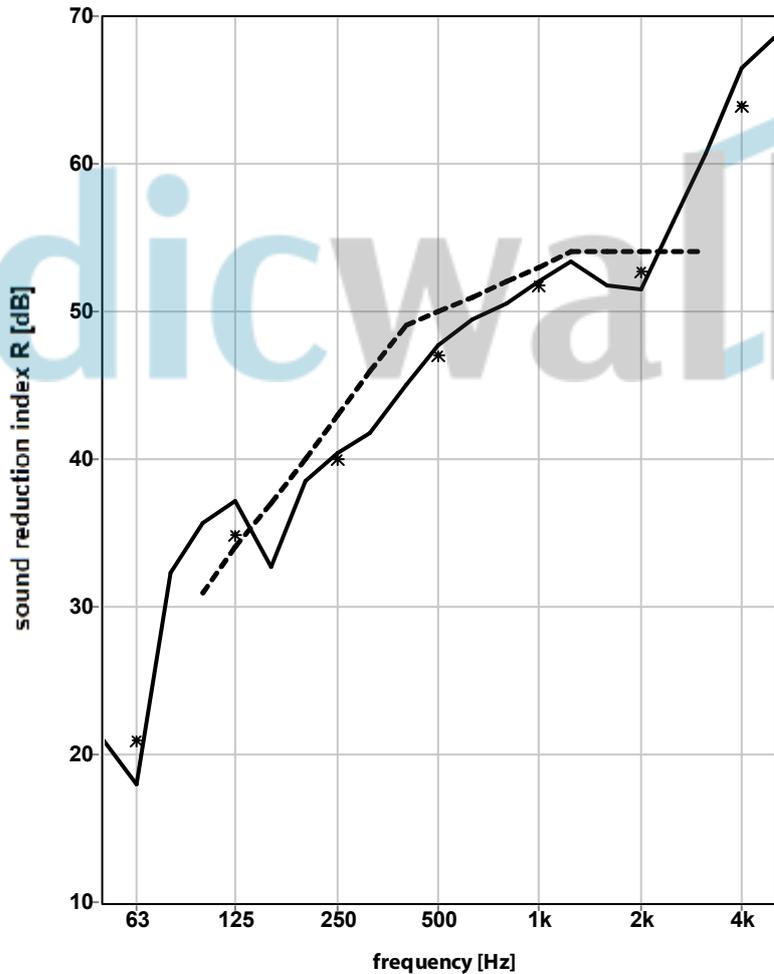
$$C_{100-5000}; C_{tr,100-5000} = (0;-5) \text{ dB}$$

$$C_{50-3150}; C_{tr,50-3150} = (-3;-11) \text{ dB}$$

$$C_{50-5000}; C_{tr,50-5000} = (-2;-11) \text{ dB}$$

ASTM E413-16:2016

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



	21,1	35,7	38,5	45,0	50,5	51,7	60,7
1/3 oct.	18,0	37,2	40,4	47,7	52,0	51,5	66,5 dB
	32,3	32,7	41,8	49,5	53,4	56,1	68,5
1/1 oct.	20,9	34,8	40,0	47,0	51,8	52,7	63,9 dB

publication is permitted for the entire page only

Mook, measured at 24-03-2021