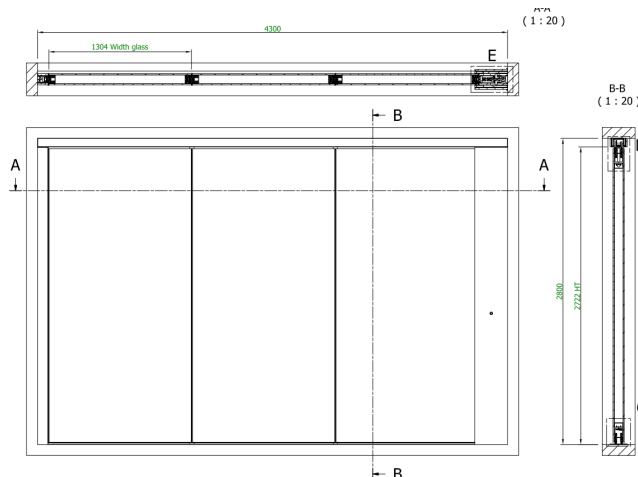


## MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 10140-2:2010

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 m<sup>3</sup>

volume measuring room: 94 m<sup>3</sup>

surface area tested partition: 12 m<sup>2</sup>

measured at:

Peutz Laboratory for Acoustics

signal: broad-band noise

bandwidth: 1/3 octave

ISO 717-1:2013

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

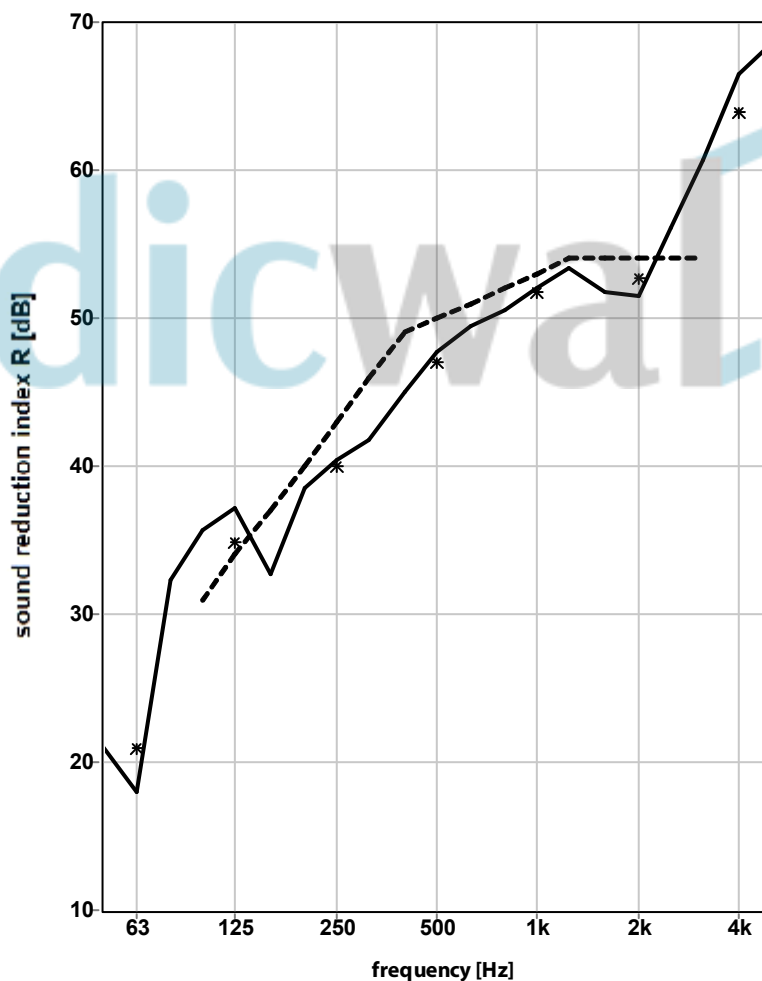
$$C_{100-5000}; C_{tr,100-5000} = (0;-5) \text{ dB}$$

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

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

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

report A 3870-3E

Mook, measured at 24-03-2021

figure 5