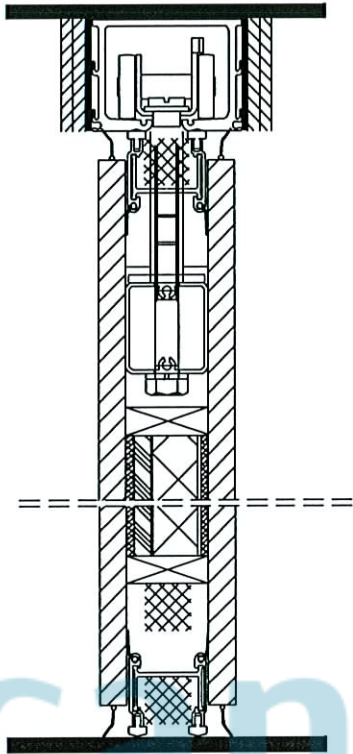


MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 140-3:1995

principal: Parthos bv

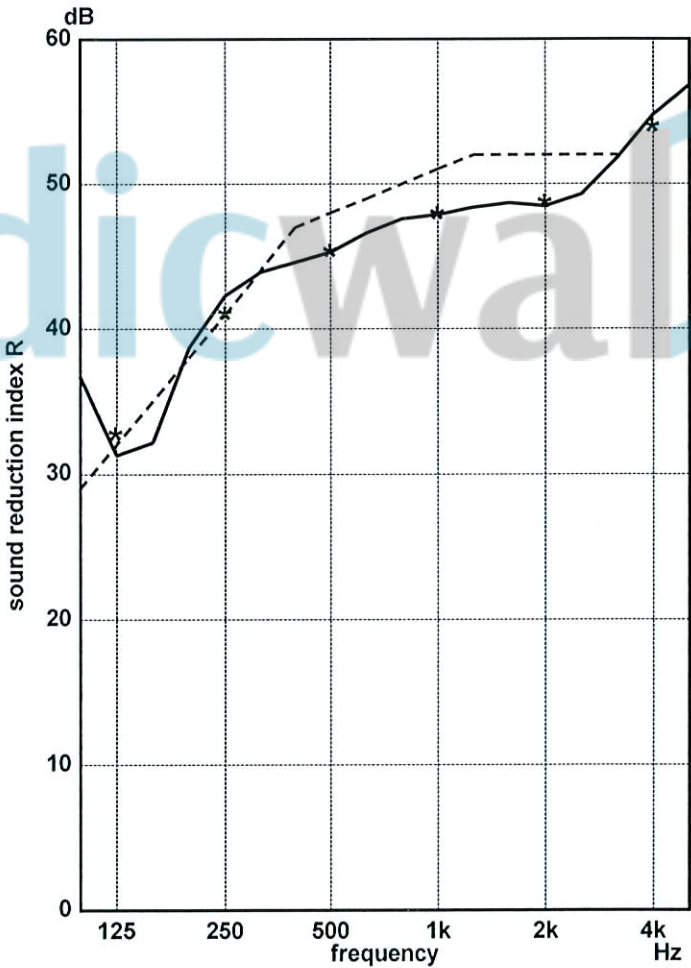


construction tested: Palace 90 - 48 dB equipped with rubber sweep seals and plasterboard



volume room 1: 94 m³
volume room 2: 94 m³
surface area tested partition: 12 m²
measured at: laboratory conditions
signal: broad-band noise
bandwidth: 1/3 octave

ISO 717-1:1996
 $R_w(C;C_{tr}) = 48(-1;-4)$ dB
ASTM E 413-87:1999
STC = 48 dB



—	1/3 oct.					
*	1/1 oct.					
----	ref. curve (ISO 717)					
		125	250	500	1k	2k
1/3 oct.		36,7	38,7	44,6	47,6	48,7
		31,3	42,3	45,3	47,9	48,5
		32,2	43,9	46,6	48,4	49,3
1/1 oct.		32,8	41,1	45,4	48,0	48,8
						54,0 dB

publication is permitted for the entire page only

Mook, 21-10-2005