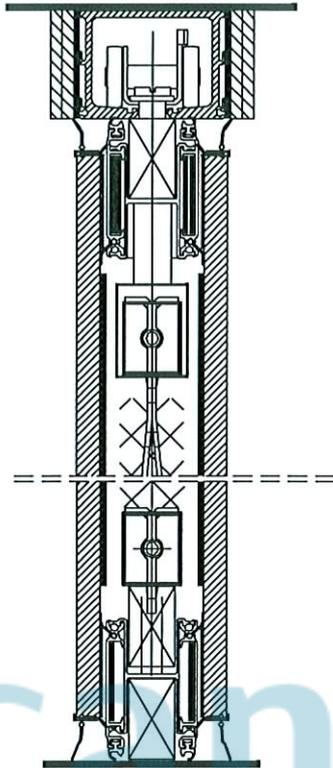


## MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 140-3:1995

principal: Parthos bv



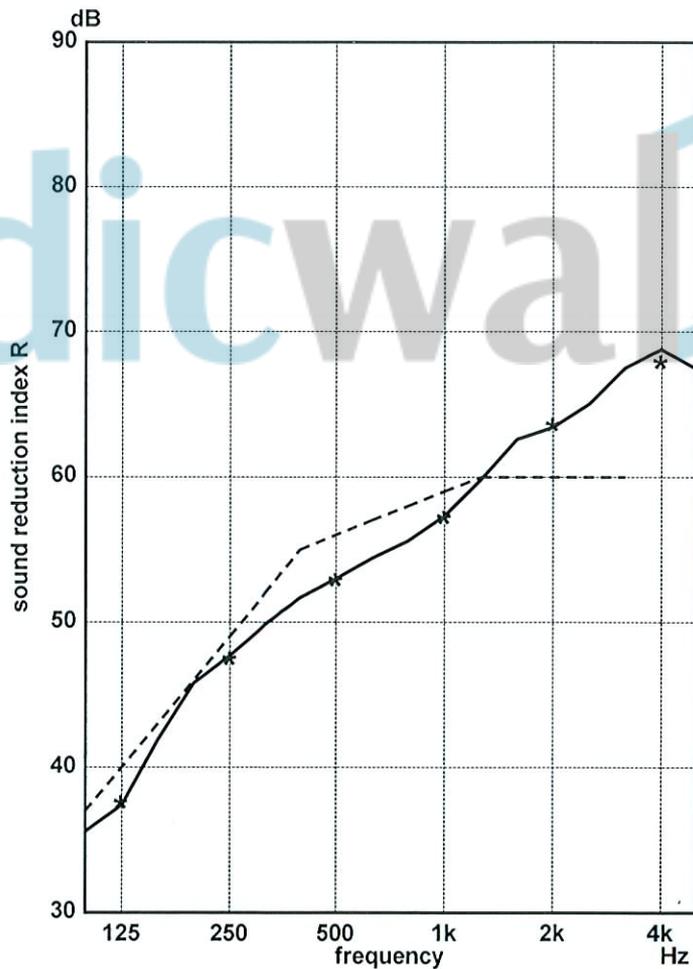
construction tested: Palace 110 SI – 56 dB



volume sending room: 111 m<sup>3</sup>  
 volume receiving room: 94 m<sup>3</sup>  
 surface area tested partition: 12 m<sup>2</sup>  
 measured at: laboratory conditions  
 signal: broad-band noise  
 bandwidth: 1/3 octave

ISO 717-1:1996  
 $R_w(C;C_{tr}) = 56(-1;-6)$  dB

ASTM E 413-87:1999  
 STC = 57 dB



	125	250	500	1k	2k	4k	
— 1/3 oct.	35,6	45,8	51,7	55,6	62,6	67,5	
* 1/1 oct.	37,4	47,7	53,0	57,3	63,4	68,8 dB	
----- ref. curve (ISO 717)	41,9	49,8	54,4	59,8	65,0	67,4	
	1/1 oct.	37,6	47,5	52,9	57,2	63,6	67,9 dB

publication is permitted for the entire page only

Mook, 18-10-2005