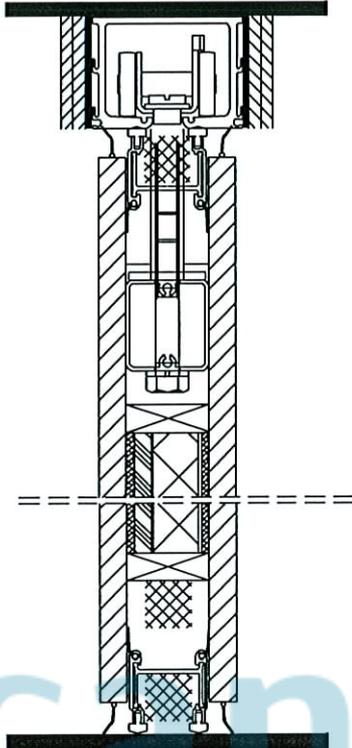


MEASUREMENT OF THE SOUND INSULATION ACCORDING TO ISO 140-3:1995



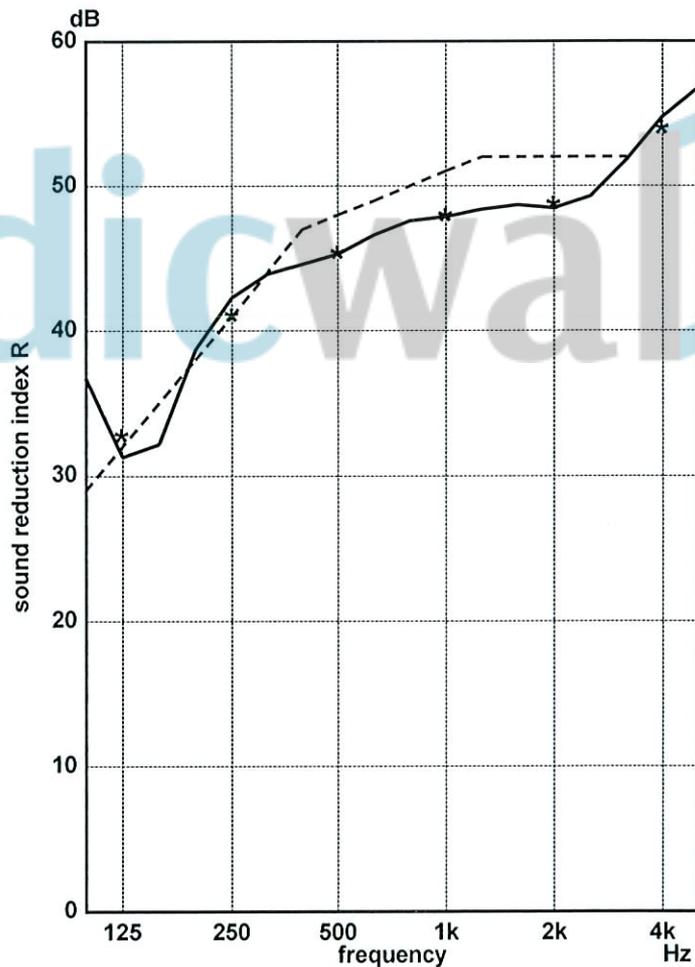
principal: Parthos bv

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



volume room 1: 94 m<sup>3</sup>  
 volume room 2: 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  
 $R_w(C;C_{tr}) = 48(-1;-4)$  dB  
 ASTM E 413-87:1999  
 STC = 48 dB



	125	250	500	1k	2k	4k
— 1/3 oct.	36,7	38,7	44,6	47,6	48,7	51,8
* 1/1 oct.	31,3	42,3	45,3	47,9	48,5	54,8
----- ref. curve (ISO 717)	32,2	43,9	46,6	48,4	49,3	56,8
1/1 oct.	32,8	41,1	45,4	48,0	48,8	54,0

publication is permitted for the entire page only

Mook, 21-10-2005

Insulat rel. 2.1.4, mode 1 file: aa1430 S#:313-314 ##:315