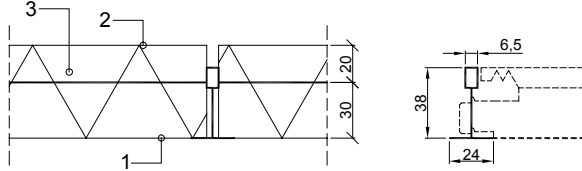


NORMALIZED FLANKING LEVEL DIFFERENCE ACCORDING TO ISO 10848-2:2006



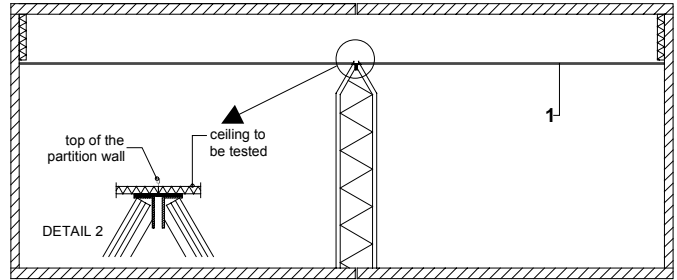
principal: Rockfon Denmark

construction tested: variant 3



Variante 3

- 1:
 Manufacturer: Rockfon
 Type: Sonar dB 44
 Panel sizes: 1200 x 600 mm (nominal)
 Total thickness: 50 mm (30+20, alu-foil between)
 Total mass: 7,6 kg/m² (checked by Peutz)
 Edge (length): A
 Edge (width): A
 (3) Material: rockwool
 (2) Finish rear: tissue
 (1) Finish front: Sonar surface (glastissue + structured paint)



Grid: T-24 1200 x 600 mm

volume measuring room: 59 m³

volume measuring room: 54 m³

reference area: 10 m²

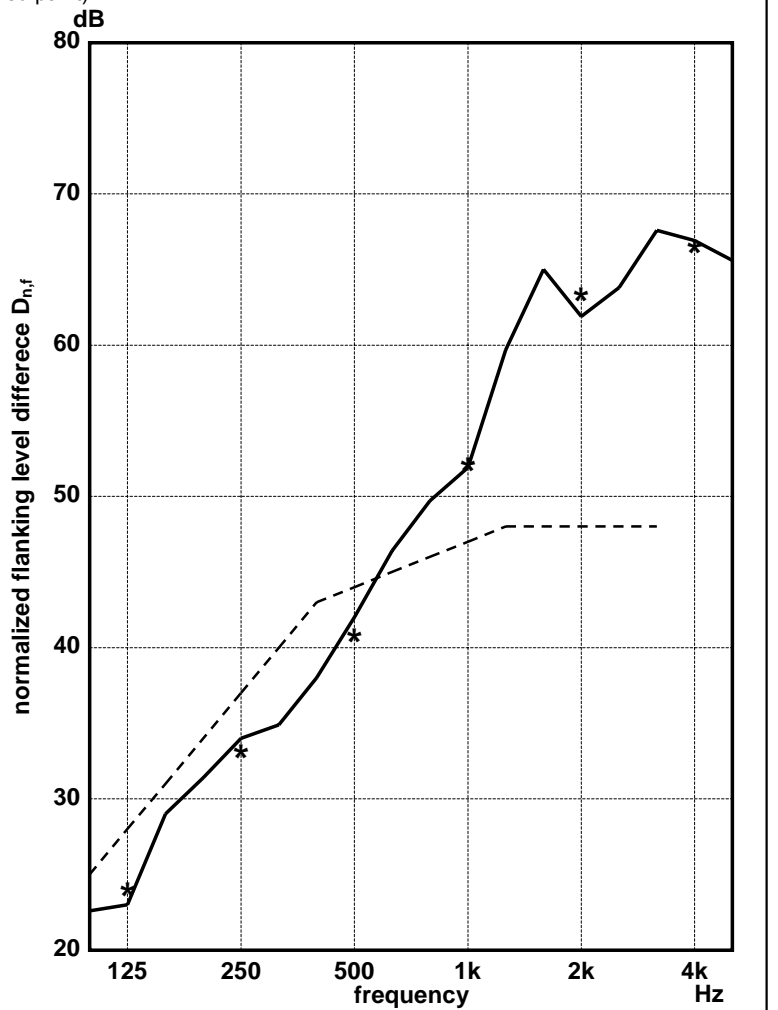
measured at:
 Peutz Laboratory for Acoustics

signal: broad-band noise

bandwidth: 1/3 octave

ISO 717-1:1996

$$D_{n,f,w}(C;C_{tr}) = 44(-1;-7) \text{ dB}$$



	125	250	500	1k	2k	4k
— 1/3 oct.	22,6	31,4	38,0	49,7	65,0	67,6
* 1/1 oct.	23,0	34,0	42,0	51,9	61,9	66,9
1/3 oct.	29,0	34,9	46,4	59,7	63,8	65,6
----- ref. curve (ISO 717)	24,1	33,2	40,9	52,2	63,4	66,6
1/1 oct.	24,1	33,2	40,9	52,2	63,4	66,6

publication is permitted for the entire page only

Mook, 17-10-2007