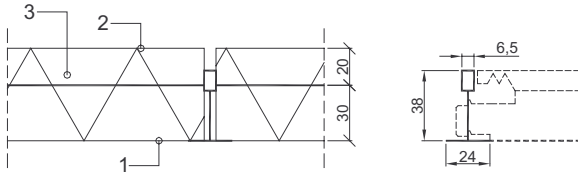


NORMALIZED FLANKING LEVEL DIFFERENCE ACCORDING TO ISO 10848-2:2006

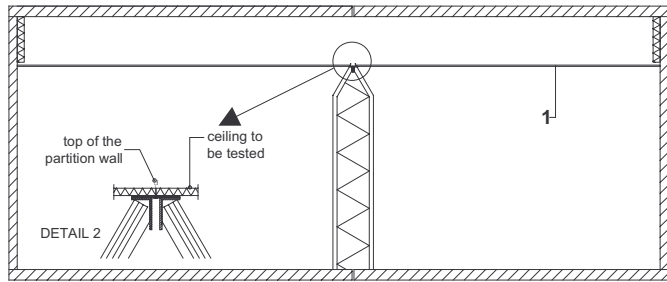
principal: Rockfon Denmark

construction tested: variant 3



Variant 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

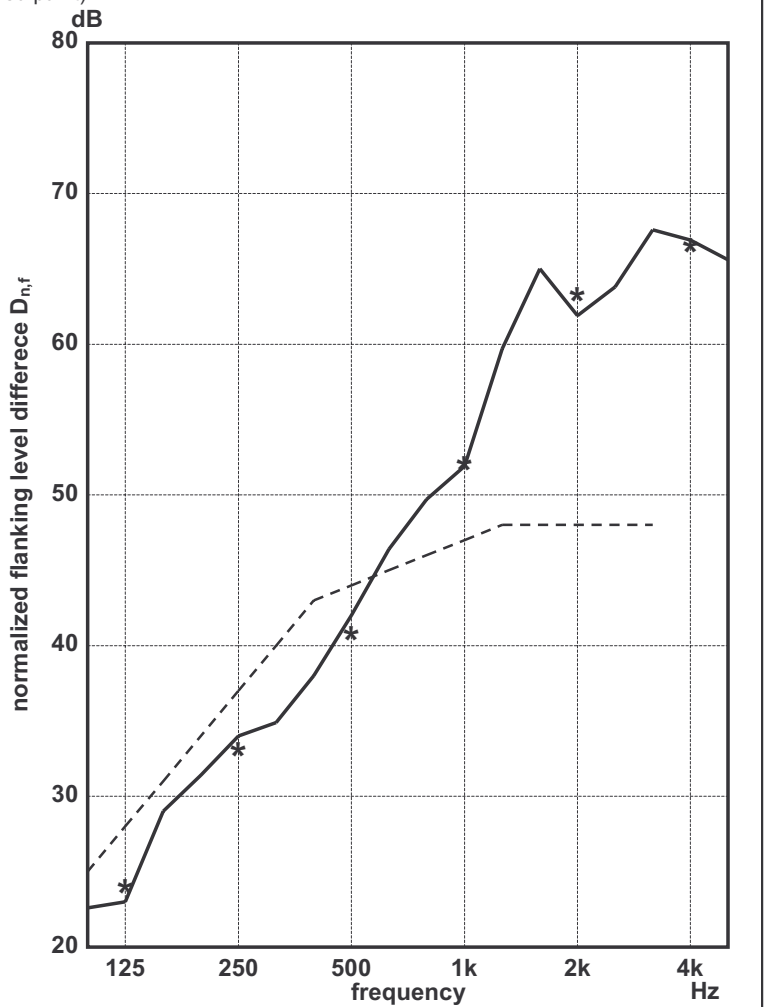
measured at:
 Peutz Laboratory for Acoustics

signal: broad-band noise

bandwidth: 1/3 octave

ISO 717-1:1996

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



— 1/3 oct.

* 1/1 oct.

1/3 oct.

- - - - ref. curve (ISO 717)

1/1 oct.

publication is permitted for the entire page only

Mook, 17-10-2007