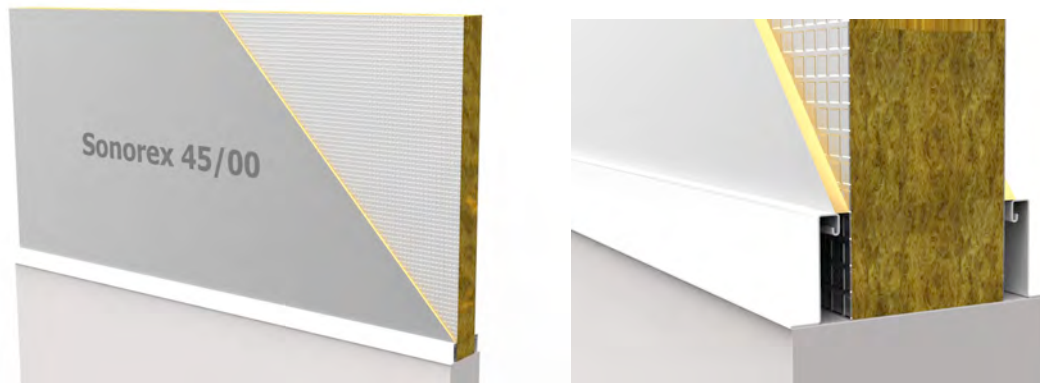


# Sonorex® 45/00

## Easy Mass Noise Barriers

### General

The Sonorex® 45/00 barrier is specially developed for use above light partition walls and lowered ceilings in order to improve soundinsulation and fire resistance. This development was driven by a growing demand for flexibility of furnishing in combination with stringent requirements in the utility and healthcare sectors.



The unique composition of the Sonorex® 45/00 barrier renders the use of one or more plaster strips in the Bandraستر grid unnecessary, provided that the adjoining ceiling is specified as fire class C or better and is locally resistant to higher temperatures. The Sonorex® 45/00 barrier is usable in combination with the wall up to a total height of no less than 4000 mm!

### Technical data

<b>Size</b>		
Barrier height	max. 2000 mm*	
Length	1200 mm	
Thickness	60 mm	
Thickness mass foil	5 mm	(used on both sides)
<b>Sound Insulation</b>	45 dB*	Based on ISO717-1:2013

### Usage

Refer to the Sonorex® assembly advice for information on how to fit the Sonorex® 45/00 barrier. Contact us if you have specific questions about the usage of the Sonorex® 45/00 barrier.

(\*) Sonorex® products have been tested in accordance with the standards stated in this datasheet. We recommend that you contact us if you have questions about usability, dimensions and connections.

LABORATORIUM VOOR AKOESTIEK

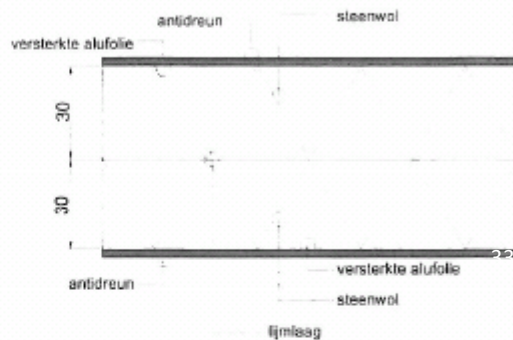


LUCHTGELUIDISOLATIE VAN EEN SCHEIDINGSCONSTRUCTIE CONFORM ISO 140-3:1995

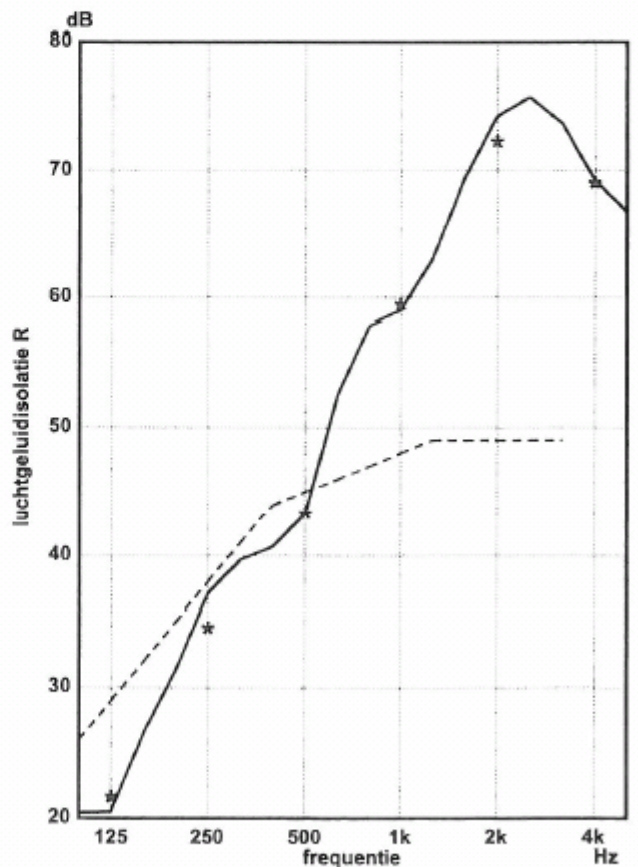
opdrachtgever: Insulation Solutions



fabrikant: Insulation Solutions  
 type: Sonorex 45  
 afmeting testpanelen: 1253 x 753 x 70 mm (2x)  
 oppervlakte massa: ca. 8,9 kg/m<sup>2</sup> (gewogen)  
 samenstelling: versterkt aluminiumfolie  
 30 mm steenwol  
 glasvlies  
 lijmlaag  
 glasvlies  
 30 mm steenwol  
 versterkt aluminiumfolie  
 toevoeging: na montage is aan beide zijden een zelfklevend ontdreuningsmateriaal aangebracht met een versterkt aluminiumfolie, dikte ca. 5 mm; massa ca. 10,2 kg/m<sup>2</sup> (gewogen)  
 totale oppervlakte massa: ca. 30,1 kg/m<sup>2</sup> incl. montage-overlap ontdreuningsmateriaal



volume meetruimte: 214 m<sup>3</sup>  
 volume meetruimte: 115 m<sup>3</sup>  
 oppervlakte proefwand: 1,88 m<sup>2</sup>  
 gemeten in: Peutz Laboratorium voor Akoestiek  
 signaal: breedband ruis  
 bandbreedte: 1/3 octaaf  
 ISO 717-1:1996  
 $R_w(C;C_{tr}) = 45(-3;-9)$  dB  
 NEN 5079:1990  
 $h_{u,lab} = -8$  dB



	125	250	500	1k	2k	4k
— 1/3 oct.	20,4	31,3	40,7	57,9	69,5	73,7
* 1/1 oct.	20,5	37,1	43,3	59,0	74,2	69,3
	26,5	39,7	52,5	63,0	75,7	66,8
- - - - - ref. curve (ISO 717)	21,7	34,6	43,4	59,5	72,3	69,1

publicatie is slechts toegestaan in de vorm van dit gehele blad

Mook, 25-08-2009

Insulat rel. 2.5.2, mode 1 bestandnaam: a1908 S#:157-158 ##:159

rapport nr. A 1908-2-RA

figuur nr. 7