

## SOUND INSULATION SONODAMP DOOR



**Product description** The sound-insulating Sonodamp door is a 50 mm double-walled door leaf that is manufactured from coated galvanised steel and filled with sound-insulating mineral wool. The Sonodamp door is suitable for both indoor and outdoor use.

### Properties

- Sonodamp doors can be installed in walls (sandwich panels) of 60 to 100 mm
- High sound insulation value
- Door model *without window* approx. 35 dB ( $R_{w/practical\ value}$ ) in a reflective space  
approx. 31 dB ( $R_{w/practical\ value}$ ) in an absorbent space

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	$R_w(C,C_{tr})$	$R_{a,industry}$	$R_{a,voice}$	$R_{a,road}$
Attenuation R(dB)	15	25	34	31	34	44	49	41	35 (0;-2)	31	32	30

Door model *with window* approx. 33 dB ( $R_{w/practical\ value}$ ) in a reflective space  
(*window size W630 x H830 mm*) approx. 29 dB ( $R_{w/practical\ value}$ ) in an absorbent space

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	$R_w(C,C_{tr})$	$R_{a,industry}$	$R_{a,voice}$	$R_{a,road}$
Attenuation R(dB)	15	24	30	30	33	34	41	37	33 (0;-2)	30	31	29

### Specifications

- Dimensions: free clearance W 914 x H 2,105.5 mm  
size of opening W 980 x H 2,185 mm
- Rotation direction: left or right
- Door leaf material: electrolytic galvanised steel plate with a thickness of 1.5 mm and powder coating
- Preservative: frame and counter frame in standard RAL 7004  
door leaf in standard RAL 7004
- Door frame: built-in frame complete with single rubber seal; flange width 60 mm, complete with hole pattern  $\varnothing$  8 mm, centre-to-centre approx. 300 mm
- Finished frame on inside, geared to the thickness of the sandwich panel
- Lock and fittings: wicket door fitted with a 1-point mechanical wicket lock with standard function; brand: BMH, type: 1000 PZW. The lock is fitted with a latch and dead bolt; the door has been prepared for a Euro profile cylinder, but this is not supplied; the inside and outside of the wicket door is fitted with a BKS stainless steel door handle with rounded backplate, type Rondo
- Seal: to guarantee optimal acoustic sealing, the frame is fitted with a profiled rubber seal that was specifically designed for our doors. There is a single rubber seal
- Hinges: the door leaf is fitted with 3 plate hinges, mounted using M8 countersunk bolts
- Threshold: raised threshold with a single rubber seal, height 46.5 mm

DISCLAIMER  
De omschreven toepassingen en aanbevelingen zijn zo correct mogelijk weergegeven maar zijn vrijblijvend en bieden geen garanties. Bij twijfel over toepassing of verwerking zelf een test uitvoeren of contact met ons opnemen. We behouden ons het recht om zonder kennisgeving vooraf, productgegevens te wijzigen.

**Use** Enclosures, booths, sound-insulating and absorbent walls, walls

**Customisation** Other models (such as a double door), preservatives, dimensions and thicknesses available on request

