



NOISE_LOCK

WINLOCK
FIRE DOORS

NOISE LOCK

Acoustic insulation

CE marking in accordance with EN 16034 & EN 13241



Our industrial sectional shutters can be equipped with an acoustic insulation package that effectively reduces sound transmission. The system integrates seamlessly with other Winlock solutions and is available in two performance levels, tailored to your project's specific acoustic needs.

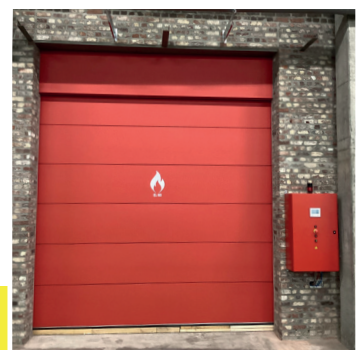
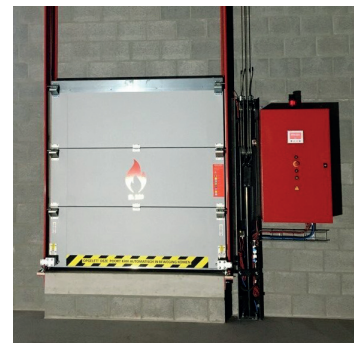
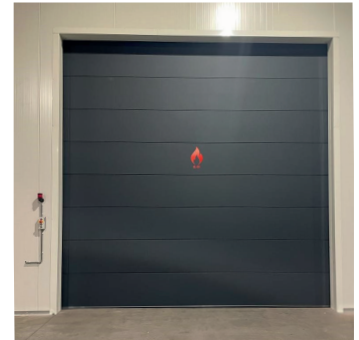
The **36 dB version** is suitable for environments with moderate background noise, such as technical rooms, public buildings, or storage areas in industrial facilities.

The **47 dB version** provides a solution for high-noise production sites, concert halls, healthcare facilities, or testing environments where external sounds may interfere with operations or measurements.

Designed and tailored to your needs

As with all Winlock solutions, custom engineering is at the core of our approach. This acoustic configuration can be combined with additional features such as fire resistance, Safe Lock (burglary resistance), Smoke Lock (smoke sealing), Liquid Lock (liquid barrier), Out Lock (outdoor use), or Food Lock (food-safe configuration).

Manufactured in accordance with the highest quality standards, Winlock doors deliver reliable performance, long-lasting durability, and maximum safety, even under intensive daily use in demanding environments.



Technical specifications

Test standard:	EN-ISO 10140-1
Classification standard:	EN-ISO 717-1
Insulation thickness:	82 mm / 94 mm
Performance:	36 dB: $R_w (C;Ctr) = 36 (-2;-5)$ dB / 47 dB: $R_w (C;Ctr) = 47 (-1;-4)$ dB
Maximum width:	7,440 mm
Maximum height:	7,227 mm
Maximum surface area:	36 dB: 35,85m² / 47: dB 28m²

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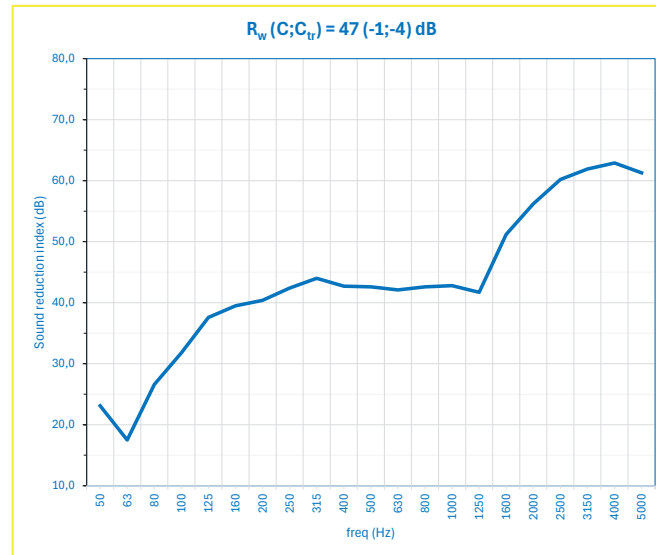
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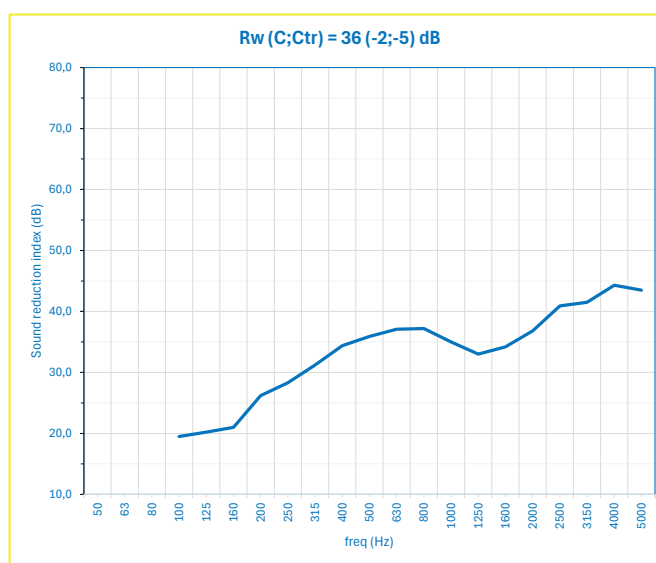


NOISE_LOCK

f Hz	R 1/3 Oct	R 1/1 Oct
50	23,1	
63	17,5	20,8
80	26,6	
100	31,8	
125	37,6	35,0
160	39,5	
200	40,4	
250	42,4	42,0
315	44,0	
400	42,7	
500	42,6	42,5
630	42,1	
800	42,6	
1000	42,8	43,7
1250	41,7	
1600	51,2	
2000	56,2	54,4
2500	60,2	
3150	61,9	
4000	62,9	62,0
5000	61,3	



f Hz	R 1/3 Oct
50	
63	
80	
100	19,5
125	20,2
160	21,0
200	26,2
250	28,3
315	31,2
400	34,4
500	35,9
630	37,1
800	37,2
1000	35,0
1250	33,0
1600	34,2
2000	36,8
2500	40,9
3150	41,5
4000	44,3
5000	43,5



Technical specifications

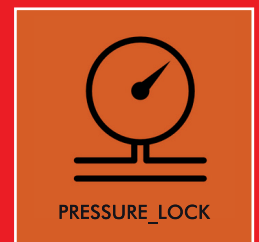
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- Classification standard: **EN-ISO 717-1**
- Insulation thickness: **82 mm / 94 mm**
- Performance: **36 dB: $R_w (C;Ctr) = 36 (-2;-5) \text{ dB}$ / 47 dB: $R_w (C;Ctr) = 47 (-1;-4) \text{ dB}$**
- Maximum width: **7,440 mm**
- Maximum height: **7,227 mm**
- Maximum surface area: **36 dB: 35,85m² / 47: dB 28m²**

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Multiple add-ons
Endless possibilities



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