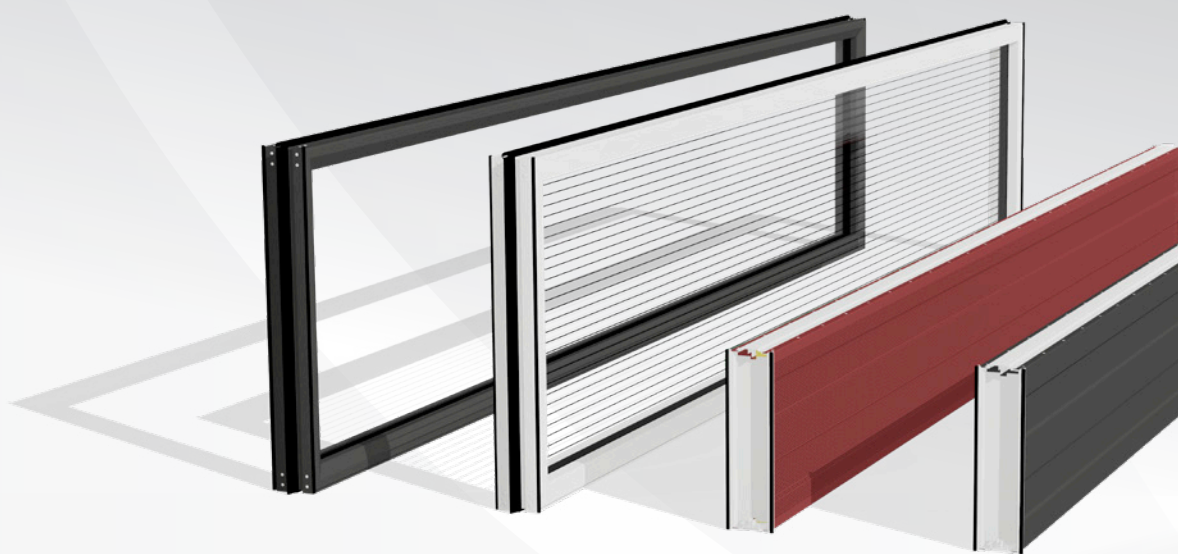


AL PANEL SERIES



PHONOBLOC®
NOISE BARRIERS

Noise protection without compromises

AL PANEL SERIES **ALUMINIUM AND TRANSPARENT** **PANELS**



PHONOBLOC®
NOISE BARRIERS

GETTING NOISE UNDER CONTROL

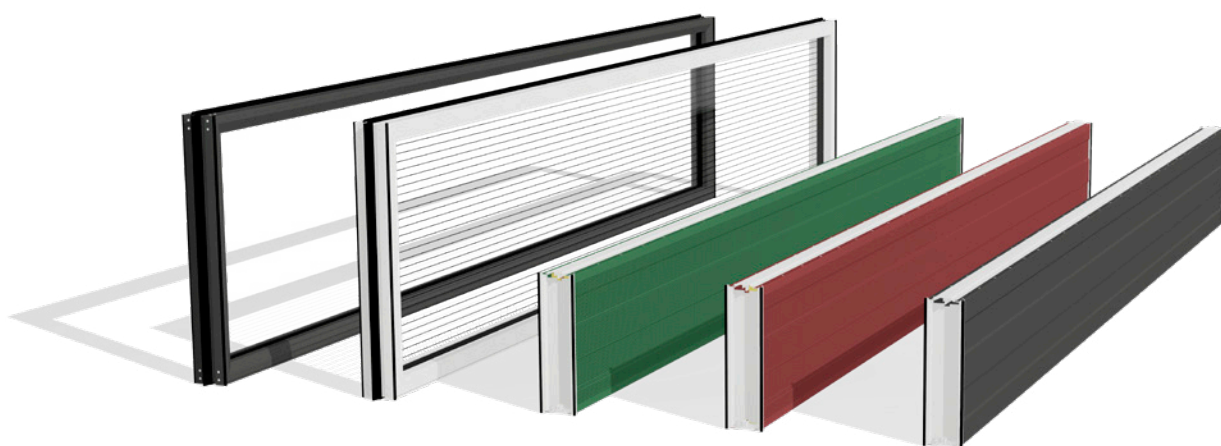
Classic noise protection: The AL Panel Series is a proven and sustainable system that is simple to handle with low weight.



PHONOBLOC® AL PANEL SERIES **ALUMINIUM AND TRANSPARENT PANELS**

Extremely light noise protection with an endless variety of colour design possibilities.

A durable noise protection system that fulfils nearly everything architects or designers could wish for. Via a combination of aluminium and transparent elements the noise protection can be seamlessly integrated into the environment, or it can be used to purposely emphasize colour features and create a loosening effect. The PHONOBLOC® AL Panel Series can be combined with all popular noise protection systems available in the market.



The PHONOBLOC® AL Panel Series is fully certified in accordance with the following standard:

EN 14388

PHONOBLOC®

FULLY CE-CERTIFIED AND TESTED

- ▶ According to EN 14388
- ▶ Static calculation in accordance with EUROCODE

MODULAR

- ▶ Can be combined with all traditional panel types

APPLICATION

- ▶ Reflective
- ▶ Single sided highly absorbent
- ▶ Double sided highly absorbent
- ▶ Transparent

DESIGN

- ▶ Available in all RAL-colours
- ▶ Stucco sheet metal
- ▶ Transparent elements are available in crystal clear, "SKY"-colour, translucent or coloured
- ▶ Integrated bird protection available

BEAM DIMENSIONS

- ▶ Suitable for steel beams HE 160 – HE 300



ROAD APPLICATION



RAIL APPLICATION

PROPERTIES

ALUMINIUM

Absorption (EN 1793-1):
up to class A3
highly absorbent

Sound insulation (EN 1793-2):
Class B3

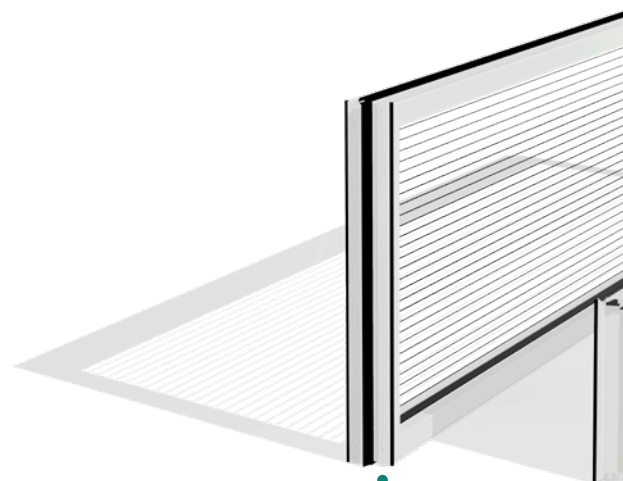
Measurements:
L: 1.96 / 2.96 / 3.96 / 4.96 / 5.96 m
H: 0.50 m
Fitting and special elements

TRANSPARENT

Absorption (EN 1793-1):
Class A0
reflective

Sound insulation (EN 1793-2):
Class B3

Measurements:
L: up to 5.96 m
H: in accordance with static
guidelines, max. 2.0 m



DESIGN & ARCHITECTURE

Unlimited variety of architectural possibilities
with excellent acoustic performance

AL PANEL SERIES PRODUCT RANGE

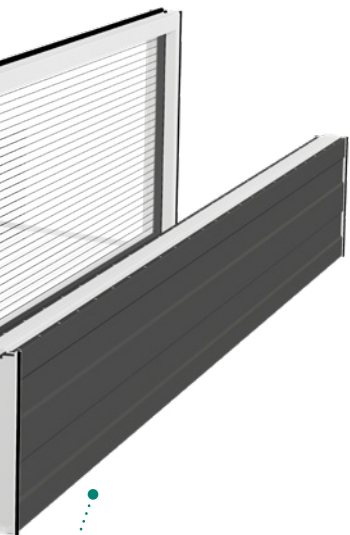
Type	Length	Height
Aluminium panel	1.96 m	0.50 m
	2.96 m	0.50 m
	3.96 m	0.50 m
	4.96 m	0.50 m
	5.96 m	0.50 m
Transparent panel	up to 5.96 m	max. height in accordance with static guidelines



AL PANEL SERIES

CE-CERTIFIED, MODULAR AND VERSATILE DESIGN POSSIBILITIES

A tried and tested product that has been installed many times, convincing by means of innovation and easy to install due to its low weight. Ongoing further development and diverse architectural possibilities make the AL Panel Series an excellent choice with regards to noise protection alongside roads and rail tracks.



INDIVIDUAL DESIGN

Front and rear of the aluminium elements can be colour coated independent of each other



LOW TRANSPORT COSTS

A result of low weight and maximum use of the loading capacities (up to 500 m² / truck)

RELIABLE CONTACTS

Extensive experience and competence

HIGH PRODUCTION CAPACITY

Permanent quality control

WEIGHT

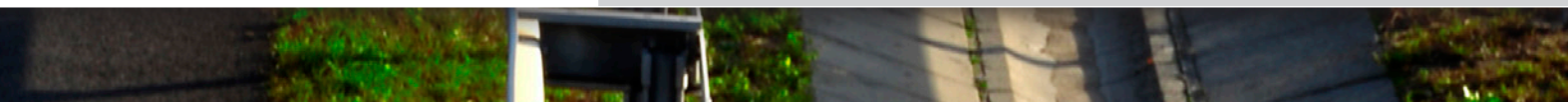
Weight
Reflective from 8 kg / m ²
Single sided highly absorbent from 16 kg / m ²
Double sided highly absorbent from 29 kg / m ²
20 kg / m ² to 40 kg / m ²

PHONOBLOC®

Single source service

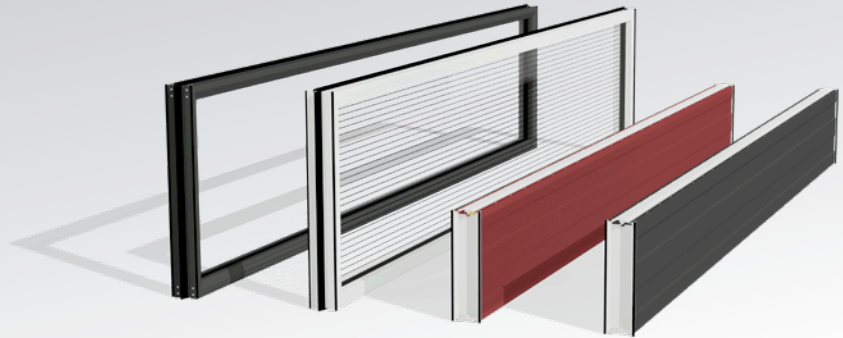
Irrespective of the type of noise protection panel design, PHONOBLOC® is the only full-range supplier to provide a multitude of popular noise protection panel types from a single source.

From the base element via LSW-panel types such as wood concrete, aluminium or transparent to the combined crash-tested DB NBF Series, PHONOBLOC® offers an extensive range.



PHONOBLOC® AL PANEL SERIES FOR ROAD AND RAIL

The efficient noise protection panels
are highly resistant and durable.



KIRCHDORFER
ROAD & TRAFFIC

DELTABLOC®
HOME OF ROAD SAFETY

DELTABLOC INTERNATIONAL GMBH

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