

FONOCON

Green in the City



Design with imprinted noise barriers

Premium quality and attractive appearance

Imprinted noise barriers

Using digital printing, we apply images, graphic designs and symbols directly onto the noise control elements. Whether integrated in the landscape, projecting an advertising message or created as a work of art – noise barriers are elements that shape their environment.



Your key benefits:

- Maintenance-free
- No watering needed
- Simple to install - brief construction time
- Minor space requirements
- Low weight
- Individual designs
- Long life span



Noise barrier element

Highly absorbent



Design:

Highly absorbing on one or both sides.
All types available in three sound insulation categories,
also in a design that covers uprights.

Airborne sound insulation $DL_r = 25 - 31$ dB (B3)

Sound absorption $DL_{\alpha} = 8 - 12$ dB (A3-A4)

Aluminium, polyester powder-coated

Panels

For horizontal or vertical applications



Design:

Highly absorbing

Aluminium, polyester powder-coated

Sound absorption $DL_{\alpha} = 12$ dB (A4)

Our products comply with the following standards and guidelines:

- EN 14388: Road traffic noise reducing devices
- ZT-LSW 06: Additional technical contractual requirements for noise barriers
- RVE 04.01.01 Noise barriers – calculation and design
- DB Netz AG Guideline 804 – Railway bridges (and other civil engineering structures)
- Eurocode 1: Actions on structures
- Eurocode 3: Design of steel structures
- Eurocode 9: Design of aluminium structures

Exemplary list

