



Noise Barrier WHIS®Top

The WHIS®top is a lightweight aluminum traffic noise diffractor, that can be mounted onto any (existing) noise barrier to deflect sound upwards. The WHIS®top adds a 4 to 5 dB noise reduction, comparable to raising the existing barrier 2 meters.

Product Characteristics

The WHIS®top improves reduction from existing noise barriers without radical measures.

With the WHIS®top, any new noise barrier can be lowered by 2 meters. That means lower noise barriers and lighter construction.

Building lower makes you more cost-effective, with fewer materials, lighter construction, and reduced wind load.

Because of its high reduction and preservation of views, the WHIS®top receives a lot of support from residents.

- Extra reduction in existing situations
- Lower constructions
- Cost-effective
- Positive feedback from nearby residents

Technical specifications

- No standard dimensions, custom work
- Height: 0.20 meter
- Reduction: 4 to 5dB
- Weight ca. 40 – 100kg / meter
- Combine with concrete barrier for crash protection

Material properties

Available in: Corten steel, aluminum, galvanized or coated

Product Applications

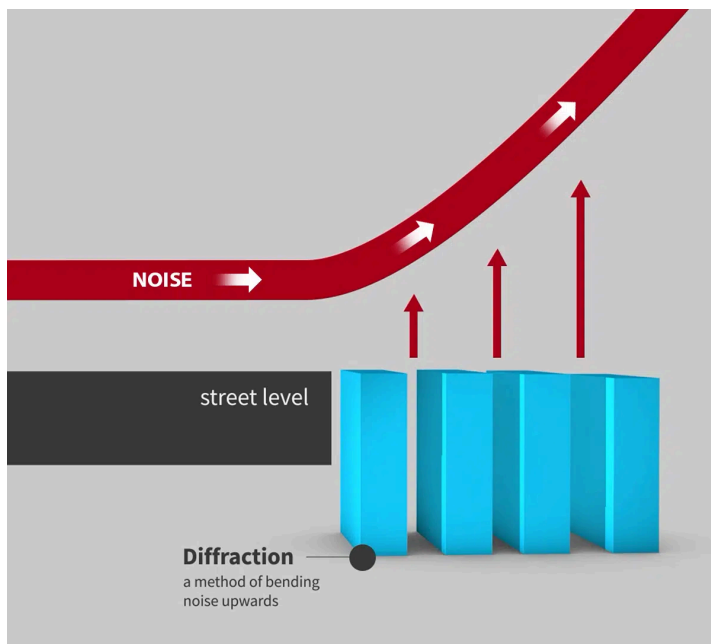
The WHIS®top is suitable for various kinds of infrastructure where traffic noise is a problem.

- Railroads
- Linkroads
- Country roads
- Distributor roads
- Highways

Noise Level Field Test

Notice the increase in noise level when the car has passed the WHIS@Top. The noise barrier ends in the center of the recorded footage.

Technical Specifications





WHIS-topp-technical-specifications

whis-topp-technical-specifications.xlsx

Properties

Dimensions:	No standard, custom to your project
Height:	0,2m
Reduction:	4 to 5 dB
Weight:	ca 40 - 100 kg / meter

Installation

Mounted onto existing noise barrier
Linking barrier and WHIS®top is custom work
No changes to existing noise barrier required

Downloads



Noise reduction
TNO report –
TNO+2021+R10471
| English



Contact information

Sweden	Norway	Denmark	Estonia	Finland	India
+46 176207880 info@vibratec.se	+47 33070750 info@vibratec.no	+45 49132244 info@vibratec.dk	+372 56627990 info@vibratec.ee	+35 8402589117 palvelu@3di.fi	+91 7755996308 rc@vibratec.in
 vibratec.org/linkedin			 vibratec.org/youtube		 vibratec.org/vimeo