

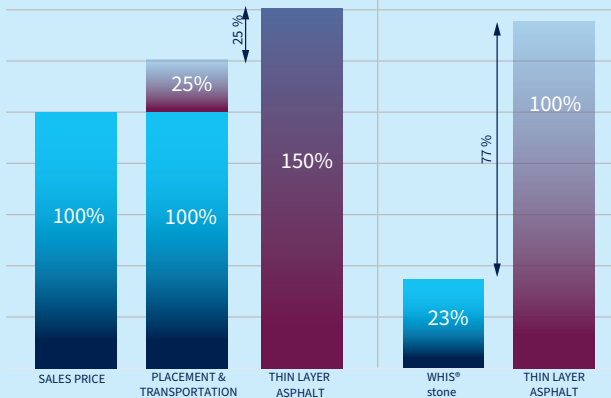
WHIS[®]stone

Quick and easy to install • Lasting effect •
Cost effective • Scientifically proven



The WHIS[®]stone is a concrete diffractor that is placed directly alongside and at the same height as the road surface. This system reduces noise by 2 dB, equal to the effect of silent a road surface.

Initial Investment Costs



LCC 30- years

Applying the WHIS[®]stone barely affects the building process. Installing 500 meters per day is easily achievable



Lifetime 30 years

The WHIS[®]stone has a life span of more than 30 years, which makes it a very sustainable solution.



Easy to install

Applying the WHIS[®]stone barely affects the building process. 500 meters per day is easily achievable.



Cost-effective

The WHIS[®]stone's life cycle cost is around 70 percent lower than that of silent asphalt.



Barely any maintenance

The WHIS[®]stone requires almost no maintenance. Once every two years will suffice.



Lasting effect

Silent asphalt becomes less effective by 0.5 dB every year, whereas the WHIS[®]stone maintains the same level of noise reduction, year after year.



Safety

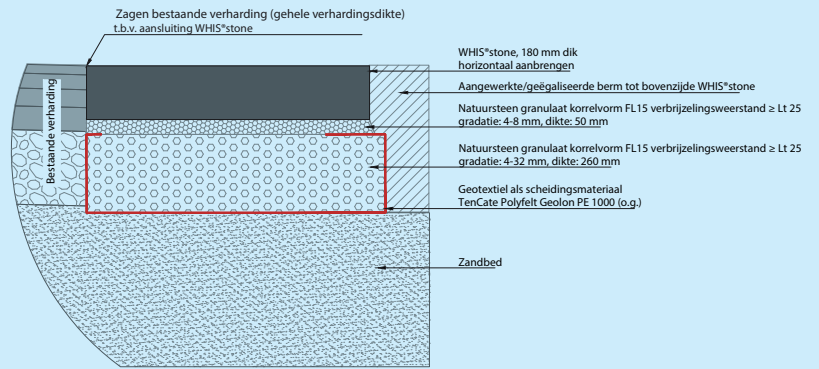
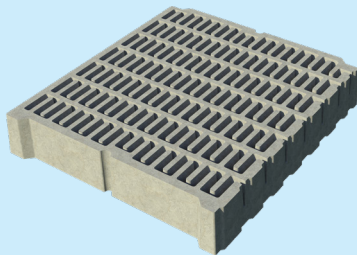
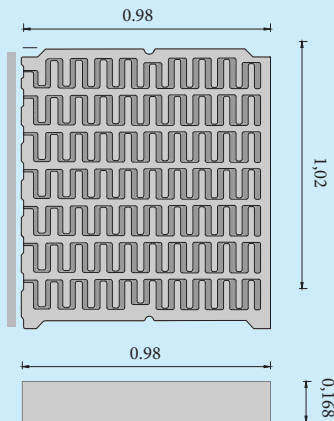
The element is safe to drive across and simultaneously hardens the roadside, helping to prevent unilateral traffic accidents.



reducing
traffic
noise

Technische specificaties

- Dimensions: 1020 x 980 mm
- Reduction frequency range: 800 – 1200
- Strength class: C40 / 50
- Single row reduction: 2,2 dB
- Double row reduction: 2,6dB
- Weight: ca. 400 kg
- Standard color: grey (more colors available)



WHIS®stone

Installing and maintaining

- Cutouts have been applied laterally in the element, so you can mount it with a special clamp.
- Block requires foundation.
- Production of up to 500 meters per day.
- Foundation also functions as water storage.

Toepassingsgebieden



Links roads



Circular roads

80
km/u

Provincial roads



Distributor roads

4Silence develops scientifically proven – and easy to install – noise reducing solutions for infrastructure. All our products are based on the principle of diffraction; redirecting the noise upwards.

It makes noise reduction more elegant, durable, and (cost-) effective, helping more people enjoy peace and quiet in their environment.

4Silence

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