



EasyRail® NA

Safety Barrier System with Noise-Reducing Effect

EasyRail® Noise Absorbing

Safe Noise Reduction

DOUBLE BENEFIT

When you think of noise protection on busy roads, you automatically envisage high walls, which block the view for drivers and above all for local residents.

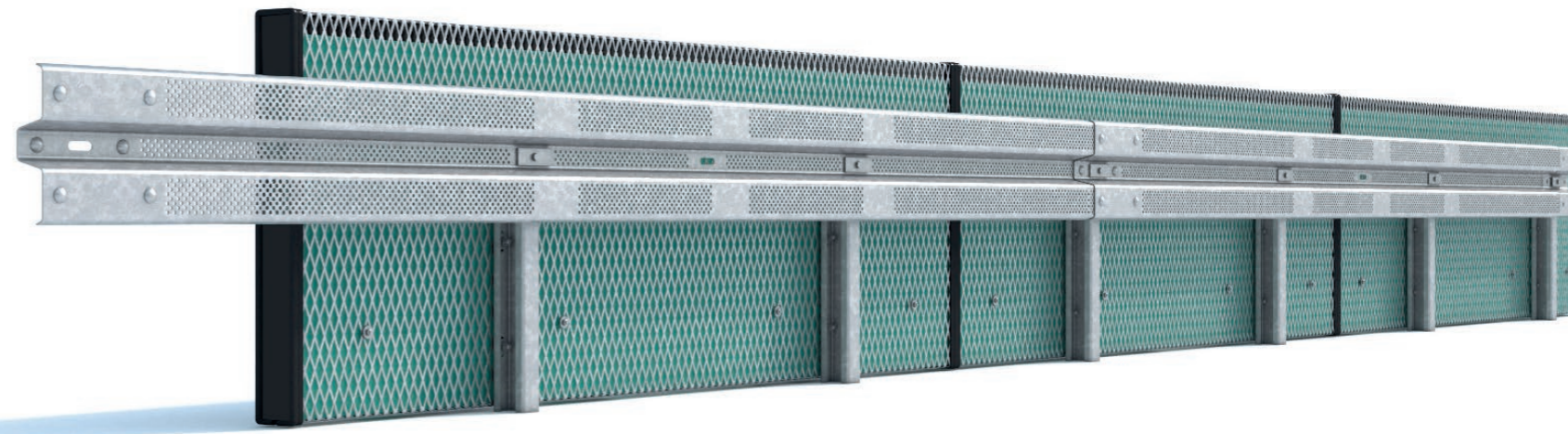
With EasyRail® NA things are different. This smart system combines a conventional safety barrier construction with effective noise protection. The result is significant noise reduction with maximum safety and an unobstructed view.

EASY TO IMPLEMENT

The principle behind the EasyRail® NA noise absorbing guardrail is simple, yet ingenious.

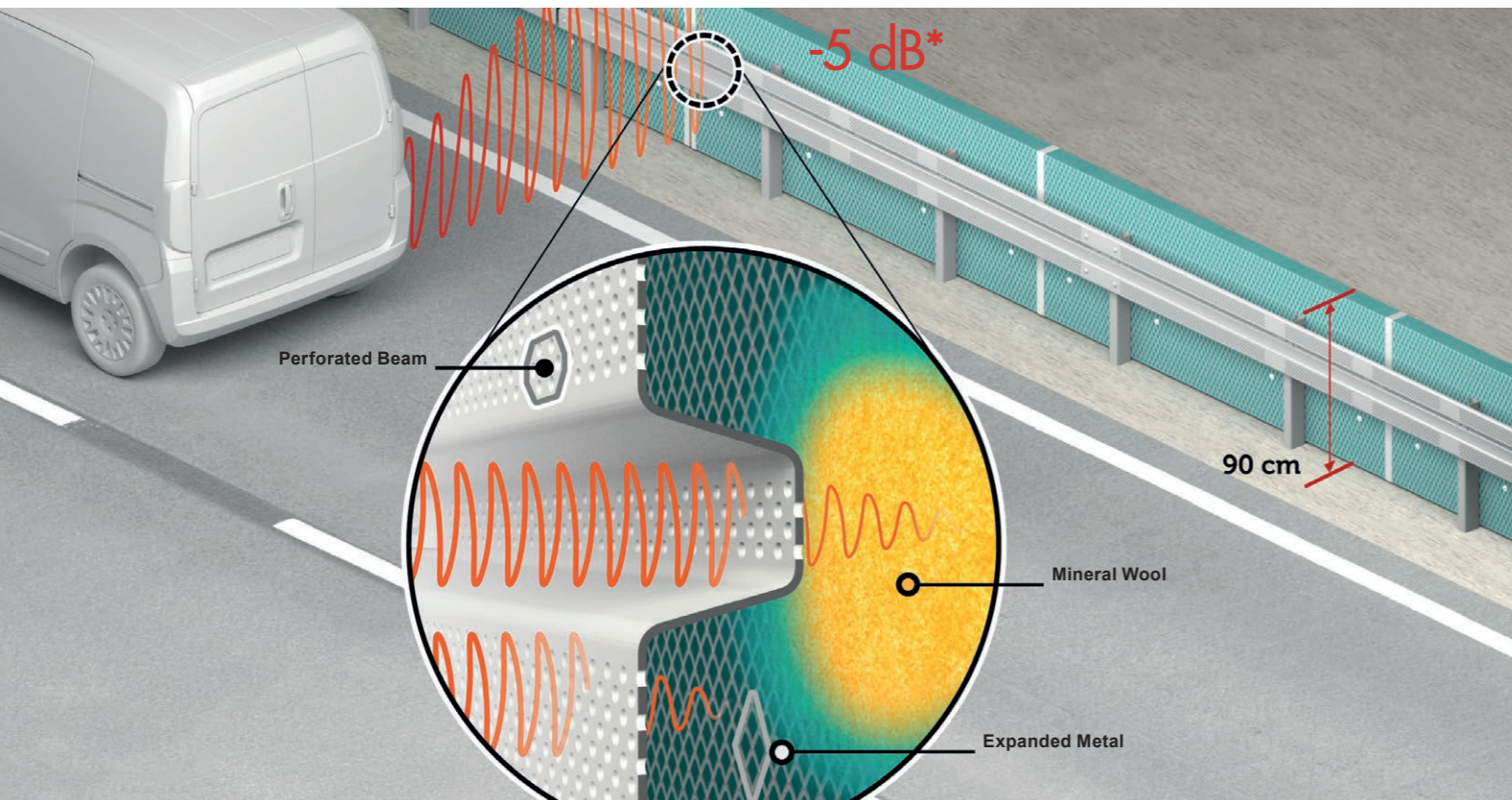
Around 80% of all vehicle noise occurs at the contact area where tyres and road meet. It is generated at speeds as low as 50 km/h – irrespective of whether the vehicles are powered by conventional combustion engines or high-tech electric motors.

The EasyRail® NA system is installed directly at the roadside, providing optimal protection against ground-level noise sources. As a result, noise levels are significantly reduced by up to 5 dB.



Tested according EN 1317

N2 | H1 | L1 - W4 - A



EFFECTIVE

The EasyRail® NA isystem is designed to be used on motorways as well as on country roads and through roads in urban areas.

Tested according to the European Norm EN 1317 it will safely stop both cars and trucks at high speeds. All steel parts are hot-dip galvanized for maximum life span and enduring performance.

STRONG

EasyRail® NA of course complies with all relevant national and international standards.

Besides that the system is also tested according to the European Norm EN 14388:

Sound Absorption, DL_G	EN 1793-1	9 dB
Sound Insulation, DL_R	EN 1793-2	26 dB

*The noise reduction value has been determined by a specialized acoustic laboratory in accordance with ISO 9613:2

The surface of the guardrail beam is perforated in order to "receive" the noise. The sound-absorption panels behind are also porous and consist of expanded metal sheeting with a mineral wool filling.

This combination creates an overall system which minimizes sound reflection and achieves significant noise reduction, as sound tests carried out by independent acoustic laboratories confirm.



QUIET!

The innovative system EasyRail® NA has a noticeable noise reduction up to 5dB

SAFE!

EasyRail® NA gives a high level of road safety

INVISIBLE!

At a height of just 90 cm EasyRail® NA can be integrated into the landscape while still providing outstanding noise protection.

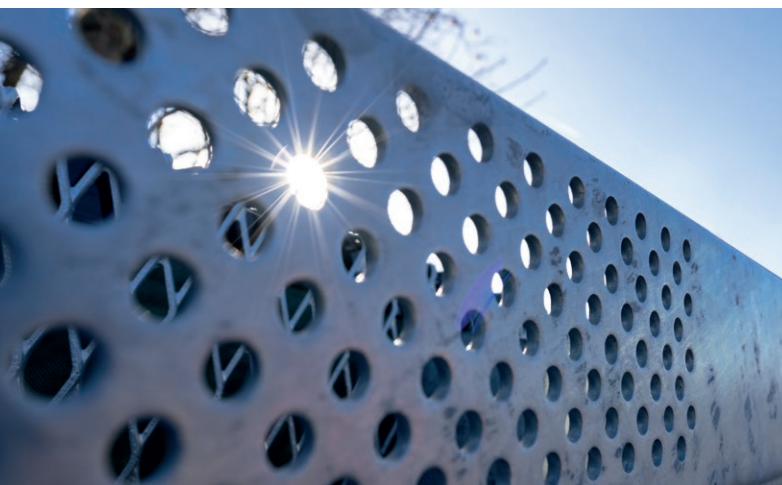
EFFICIENT!

Your benefit of EasyRail® NA maximum functionality at significantly reduced costs in purchase, installation and maintenance

More information about The hybrid EasyRail® NA system

For more information about EasyRail® NA
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