



LESS TRAFFIC NOISE

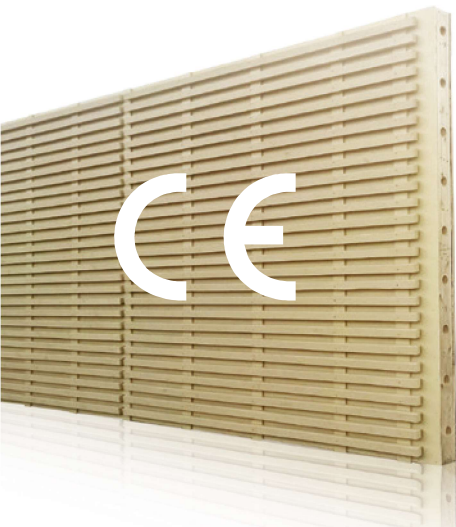
 PATENTED SEPA NOISE BARRIERS



WE SUPPORT YOU



CE-CERTIFIED SEPA NOISE BARRIERS ARE ECOLOGICAL, NICE TO LOOK AT, AND EASY ON THE EARS

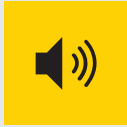


Sepa noise barriers are designed by putting the environment first and carefully considering the needs of residents and road users – with solid noise insulation, reflection, and absorption properties. The outer cladding can be designed to ensure a unique, aesthetic, and harmonious end solution that fits the surroundings well.

We have developed an absorbing noise barrier for railway and roadway applications. Road traffic noise barrier noise insulation level is according to standard EN 1793-6 at B3/33 dB, and noise absorption at A3/9 dB. For railway noise barriers according to standard EN 16727-1 and EN 16727-2 at B3/36 dB and A3/9 dB.

Sepa noise barriers can be delivered installed in place, and they are compliant with quality standard EN14388 and the lifetime requirement set by the Finnish Transport Infrastructure Agency. Our noise barriers are also declared by Eurofins Expert Service Oy for the required strengths of fixed weight, train pressure loads, wind loads and snow ploughing loads.





Seпа noise barriers are designed in line with the following standards and requirements:

- ISO 354, EN1793-1-3
- EN1794
- EN10140-2
- EN16272-1-3



We have delivered over 100,000 m² of noise barriers for roadway and railway projects.



SEPA ABSORBING NOISE BARRIER A3/B3 – ROAD



SEPA REFLECTING NOISE BARRIER – ROAD



SEPA ABSORBING NOISE BARRIER A3/B3 – RAIL

INSULATION AND ABSORPTION:

Insulation B3/33 dB
Absorption A3/9 dB

INSULATION:

Insulation 34 dB

INSULATION AND ABSORPTION:

Insulation B3/36 dB
Absorption A3/9 dB

DESIGNED SERVICE LIFE:

Frame: 50 years
Cladding: depending on the actual application

DESIGNED SERVICE LIFE:

Frame: 40 years
Cladding: depending on the actual application

DESIGNED SERVICE LIFE:

Frame: 50 years
Cladding: depending on the actual application

MAXIMUM PILLAR DISTANCE:

6 m

MAXIMUM PILLAR DISTANCE:

6.5 m

MAXIMUM PILLAR DISTANCE:

4 m

FRAME TIMBER:

Pressure impregnated timber class A C30

FRAME TIMBER:

Sawn/regularised C35

FRAME TIMBER:

Pressure impregnated timber class A C24



INNOVATIVE TIMBER PRODUCTS FOR DEMANDING INFRASTRUCTURE CONSTRUCTION PROJECTS

ENVIRONMENTALLY FRIENDLY QUALITY

Sepa Oy strives to minimize the environmental impact of its operations by optimizing the use of raw materials and by using only responsibly sourced wood.

Our high-quality operations are the result of a reliable combination of our in-house design department, modern production equipment, and skilled personnel. Quality is further ensured through our ISO 9001-certified quality management system, ISO 14001-certified environmental management system, and PEFC-certified raw materials.

EFFICIENT LOGISTICS IS A MATTER OF PRIDE

Close collaboration between sales, production, and transportation ensures delivery when agreed. This guarantees on-time deliveries to the construction site. Our delivery vehicles can transport structures up to 30 metres in length.

THE LARGEST NAIL PLATE STRUCTURE MANUFACTURER IN NORTHERN EUROPE

Since 1982, Sepa Oy has delivered over 4 million nail-plate structures. The Sepa Oy factory in Keitele is the largest of its kind in Northern Europe. Its high capacity ensures fast deliveries with good quality, even during periods of high demand. Our high-quality operations are built on skilled and motivated personnel, an in-house design department, and state-of-the-art production facilities.



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