

Fa-Akusztik noise barrier system

The material of sandwich construction acoustical elements built into the wooden frame is deep saturated forest pine wood. The sound absorption of the panels is ensured by a plastic mesh protected hydrophobized mineral wool, sound insulation is ensured by a fibre cement sheet.

Due to its natural look and color, the Fa-Akusztik system blends into the landscape harmoniously. The elements can be covered with plants easily, which highlight and emphasize the natural effect of the wood.

Application scope includes side of roads, highways, railroads, store loading areas, especially in a highly natural environment.

The standard size of the elements is 396 x 100 and 396 x 150 cm.

Element types of the Fa-Akusztik noise barrier system

- Fa-Akusztik III, absorbing on one side (A4, B3)
- Fa-Akusztik IV, absorbing on both sides (A4/A4, B3)

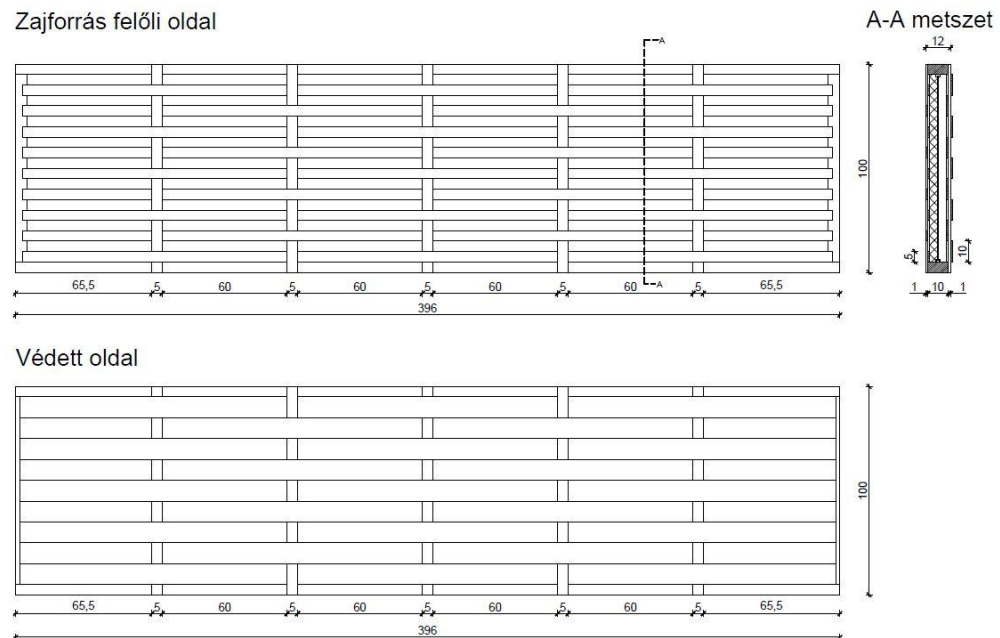
Both types are certified by ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Korlátolt Felelősségű Társaság (Non-Profit Limited Liability Company For Quality Control And Innovation In Building) according to the localized European standard applicable to noise barriers (MSZ EN 14388:2005 and MSZ EN 14388:2005/ MSZ EN 14388:2005/AC:2008 Road traffic noise reducing devices. Specifications). An escape door placed into the noise barriers by every 300 m is also part of the system. The acoustic compliance indicators of the Fa-Akusztik system's escape door are equal to the acoustic indicators of the anti-noise barrier.

The support structure of the noise barriers is a D=60 cm drilled reinforced concrete base structure, with HEAA 160 or HEA 160 galvanized support posts fixed into them, which can be reinforced with flat iron before they are galvanized, if necessary (depending on the barrier height, column distribution, place of the barrier). First precast concrete footing elements, then wooden acoustic elements are placed between the support posts, using a UV-proof sealing tape.



Fa-Akusztik III

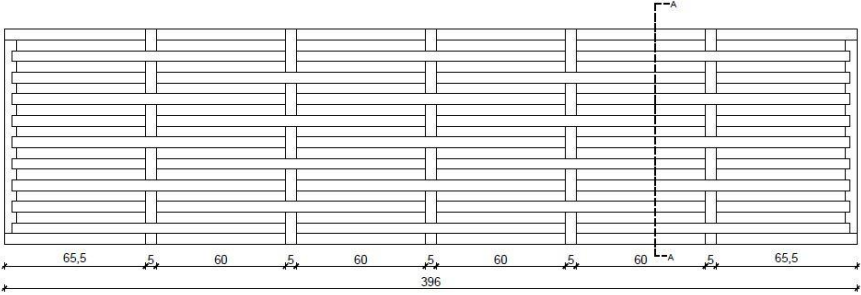
Noise barrier with wooden braiding on both sides, absorbing on one side. Acoustic properties: A4/B3.



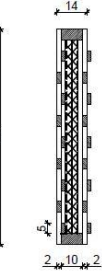
Fa-Akusztik IV

Noise barrier with wooden braiding on both sides, absorbing on both sides. Acoustic properties: A4/B3 A4/B3

Zajforrás felőli oldal



A-A metszet



Védett oldal

