

MDS transparent noise barrier

The “**Sergard MDS SF 8-0,76-8**” transparent acoustic panel is certified according to standard EN 14388:2015. According to the provisions, the multi-layered, sound-barrier glass panel is non-heat-treated and is made from safety glass.

The laminated glass panels' edges are polished and consist of 3 layers:

8 mm float glass + 0.76 mm colorless PVB sheet + 8 mm float glass.

The three-layered panel is built into a steel frame with four sides. The frame is designed to be installed into series HE...160 steel supports. The material quality of the steel frame is S235JR Z275, its color can be selected. The glass panels are placed into the channel designed for them that is running around the frame.

The transparent acoustic panel are striped for bird protection purposes. Striping is made with sandblasting.

Maximum size that can be ordered is 4 x 3 m.

The transparent glass panels can be placed on the precast concrete footing of noise barriers on their own, or they can be combined with non-transparent acoustic elements.



Transparent elements can be ordered also as part of an integrated system, built together with public road guard rail with a H2–H4 degree of retention. This is an excellent solution especially when there is little space available, as the distance needed between the guardrail and the noise barrier can be saved.

Pictures about integrated installation:

