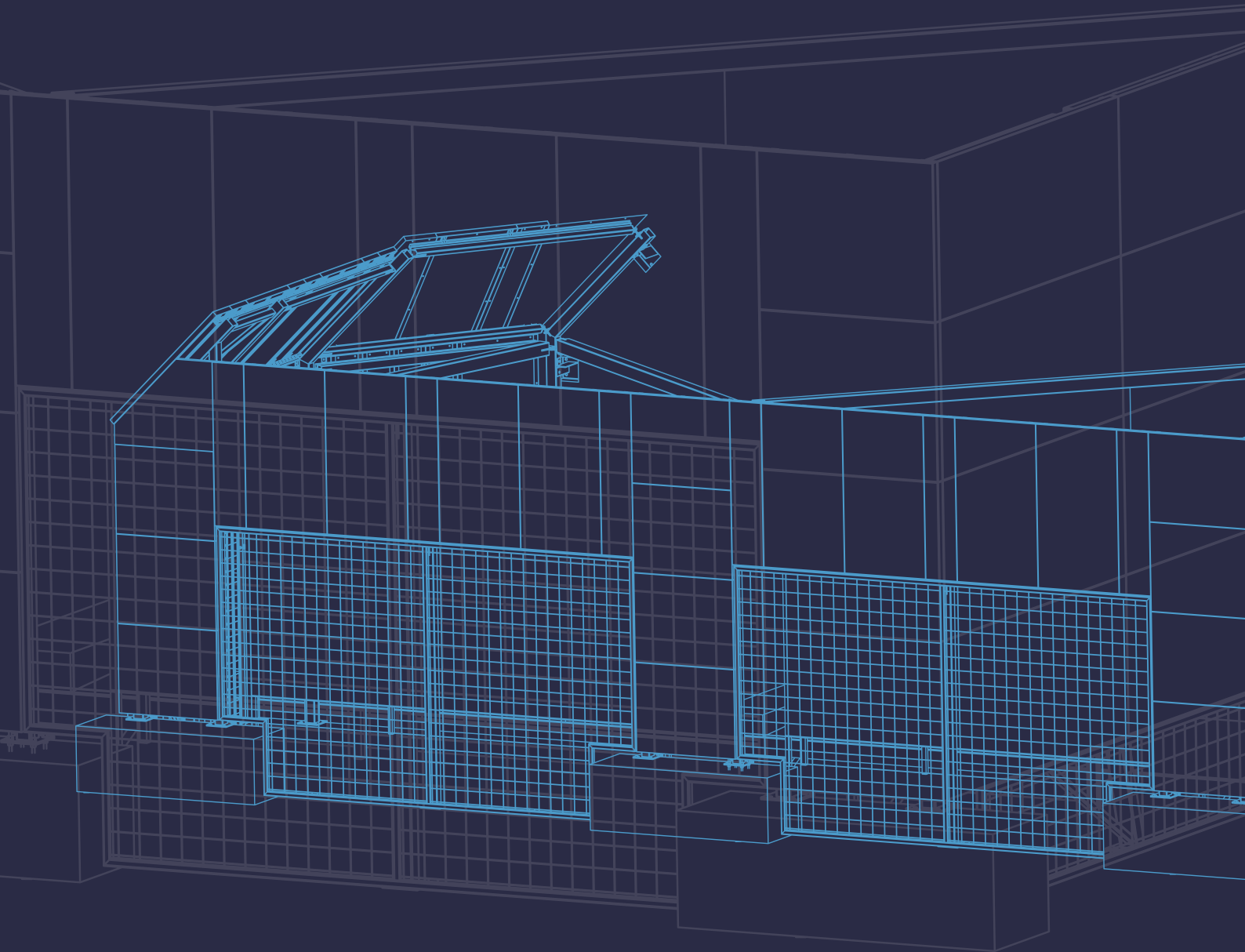


NOISEPROOFING SOLUTIONS

# NOISEPROOFING PANELS A

## TECHNICAL DATA SHEET



## NOISE-PROOFING PANEL A-53/80/120



### DESCRIPTION:

The double-sided perforated noise-proofing panels of the A series are intended for noise reduction using the excellent absorption properties of this panel. The panel also has a sound insulation function through the necessary density of the inner layers. The efficiency of the acoustic properties increases with the thickness of the panel. The panel is designed to be compatible with any AKUSYSTEM product.

### DIMENSIONS:

**Thickness:** 53, 80 and 120 mm

**Width:** 320 and 820 mm

**Length:** 1000, 1500 and 2000 mm

Possibility to deliver atypical dimensions.

### MATERIAL COMPOSITION:

steel sheet, acoustic layers

### COLOR OPTIONS:

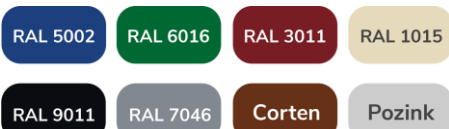
**Interior application:**

powder coating

**Exterior application:**

powder coating,

galvanized steel sheet



### APPLICATION:

The noise-proofing panels of the "A" series are popular in the industrial factories due to their acoustic properties and high mechanical resistance. The panels are used to produce acoustic dividers and also in the construction of dividing structures in the industrial factories.

### ASSEMBLY:

The panels can be mounted on the supporting framework horizontally or vertically. Repeatable assembly and disassembly of the panels is possible using the pre-prepared anchoring system. It is necessary to use sealing self-adhesive tapes to ensure the declared sound insulation values.

## PANEL

# A



### ACOUSTIC PROPERTIES

**A-53  $\alpha_w = 0,75$  (according to ISO 354)\***

Frequency (Hz)	63	125	250	500	1000	2000	4000
<b>A-53 <math>\alpha_s^*</math></b>	0,07	0,18	0,51	0,81	0,82	0,78	0,86
<b>A-80 <math>\alpha_s^{**}</math></b>	0,18	0,37	0,85	0,81	0,82	0,78	0,86
<b>A-120 <math>\alpha_s^{**}</math></b>	0,28	0,53	0,92	0,81	0,82	0,78	0,86

\* - Technický Skúšobný Ústav Piešťany, š.p., Krajinská cesta 2929/9, 921 01 Piešťany

\*\* - Values  $\alpha_s$  from computing software

A faint, white wireframe illustration of a building's structural frame, including the roof trusses and wall panels, serving as a background for the contact information.

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