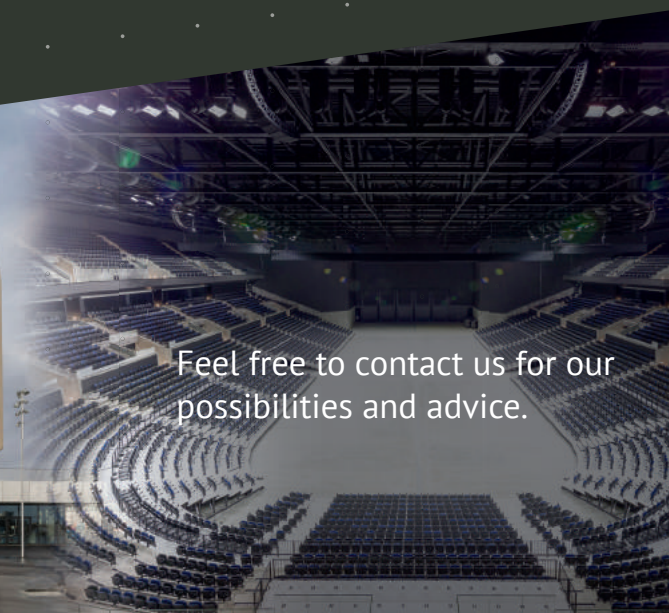
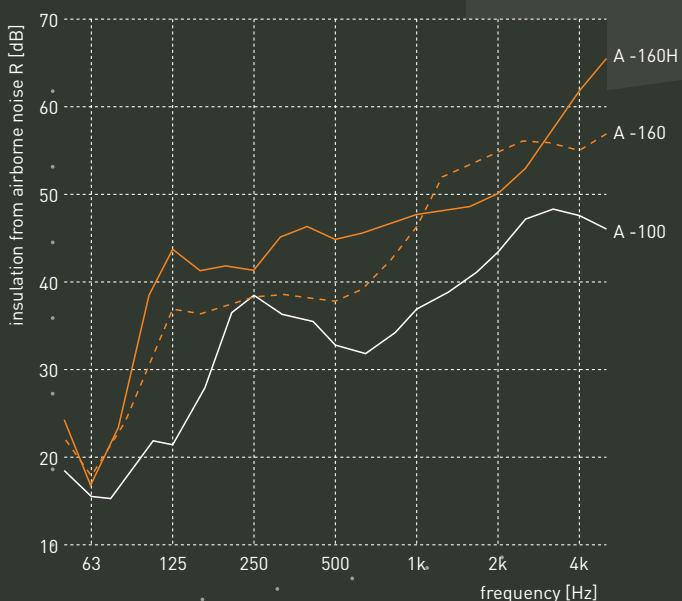


**Advanced** special door engineering



# Acoustic doors

customer-driven | according to any specification



Feel free to contact us for our possibilities and advice.

Combined acoustic doors with various other requirements and specifications!

Fire-resistance, security, bulletproof, special design, blast proof, and/or large dimensions!

The acoustic doors are tested and certified. The test-results are in accordance with ISO-717 by Peutz report A1917.

	63	125	250	500	1k	2k	4k	Hz	Rw (c, Ctr)
<b>A-100</b>	16,5	22,5	36,8	32,8	35,9	43,0	47,0	dB	38 (-1,-4)
<b>A-160</b>	20,4	35,8	37,8	37,9	46,2	54,7	55,5	dB	45 (-1,-3)
<b>A-160H</b>	19,7	40,6	41,9	45	47,2	50,5	61,1	dB	48 ( 0,-2)
<b>A-NEW</b>	This year we will finish development on- and test a new acoustic door, with an insulation value over Rw 50 dB.								

Project-based solution: tested and certified with 30,6 dB on the 63 Hz frequency.

In close consultation with the architect and the acoustic consultant, we have provided our clients with project specific advice and solutions at specific acoustic Hertz bands. Even acoustic ratings above 30 dB are possible on the 63Hz frequency. These solutions have been developed in accordance with specific project requirements and tested by the Peutz independent acoustic laboratory. There are almost no limitations in dimensions! For example, we have designed a door of 23 meters wide and 12 meters high.



The sound insulating overhead doors of Protec are:

- ▣ tested and certified as a complete door construction;
- ▣ applicable in combination with fire-resistance, tested 60 minutes EN1634-1), certified EI1-60 (EN13501-2);
- ▣ applicable in combination with various security requirements;
- ▣ applicable in combination with architectural design;
- ▣ normal in use and almost no limitations in use;
- ▣ adjustable to your requirements on different octave bands, such as: high acoustic results at low frequencies or a high overall Rw acoustic rating;