



**Concert Hall
Music Academy in Kalisz**

Reference Objects

Strulik Air Diffusion System in Concert Halls

Concert Hall Music Academy in Kalisz – diffusers: special WSA (stage), staircase SZD and floor BZD (auditorium)



Special air diffusers type WSA – side supply air on stage

Special diffusers WSA – on stage
Staircase diffusers SZD – on auditorium
Floor diffusers BZD – on auditorium



Applied Strulik's products in object:

- floor diffusers type BZD 200
- staircase diffusers type SZD
- special wall diffusers type WSA with rubber nozzles (air supply on stage)
- multi-swirl diffusers type WSA (standard)
- wall diffusers type WKA
- fire dampers BKS-2
- fire dampers BR-EI 120 S

Music Academy in Kalisz Concert Hall

Strulik

Air diffusion systems in concert halls

Application:

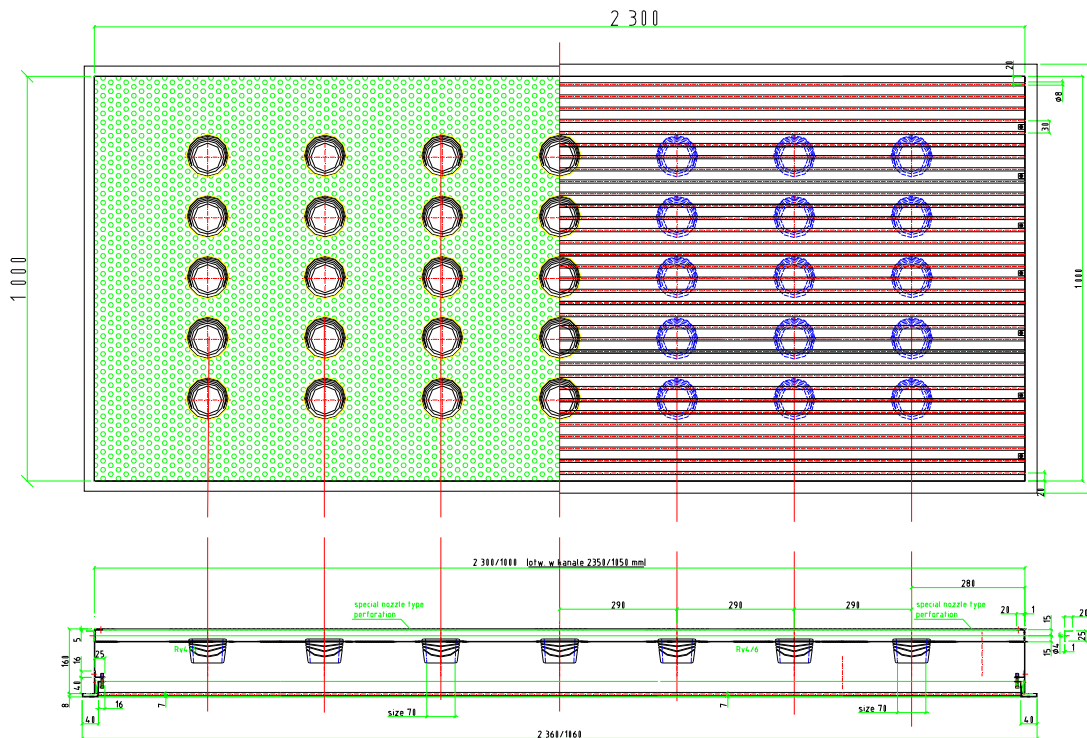
For air conditioning system in Concert Hall Music Academy in Kalisz was used 372 pieces of staircase diffusers type SZD 125 and 28 pieces of floor diffusers type BZD 200/125. Supply air on stage was by special wall mounting diffusers type WSA with jet rubber nozzles, each with 7000 m³/h. Require sound power level for each diffusers in concert hall less than 25 dB(A)

Requirement:

Supplying air to the stage from side walls.

Solution:

Two special wall diffusers with jet rubber nozzles type WSA were made. Diffusers were mounted above the stage entrance doors, on each side. Diffuser include 35 rubber nozzles size 70 mm. Dimensions of diffuser was 2300 x 1000 x 160 mm. Air volume is 7 000 m³/h per diffuser, sound Power level less than 25 dB(A).



Special wall diffuser WSA – for air supply on stage.