



Shanghai Concert Hall

(Former Nanking Theater)

Shanghai/China

Vibration isolation of the Audience Area

Inauguration: 2004



Floating Floor System:

Reinforced concrete slab supported on spring elements to protect the parquet area from ground vibrations.

- Total suspended load 9600 kN
- Number of spring elements 24
- System natural frequency 3,5 Hz

Vibration Isolation System:

Prestressable
GERB helical steel spring elements type GP

Special features:

- easy installation of prestressable elements
- access for readjustment
- exact levelling
- no maintenance

Client:

Enerpac

Owner:

City of Shanghai

