



## TEATRO LA FENICE, VENICE, ITALY

**PROJECT.** Venice's theatre "La Fenice" with its uniquely decorated auditorium ranks among the most important classical Baroque theatres in Italy. The acoustics in this jewel of a theatre was described as being excellent. In January 1996, a devastating fire practically destroyed the entire building, all furniture, ornamentation and decoration.

Upon the city government's decision, Venice's opera house was to rise from the ashes "com'era e dov'era", how it was and where it was.

**ACOUSTICS.** Based on historical records, the auditorium was rebuilt as a faithful reconstruction in terms of the original shape and size as well as the materials used. The integration of state-of-the-art stage technology as well as ventilation and safety systems in the building's limited space required a very elaborate acoustic design with respect to sound insulation.

Today's demand for larger orchestra sizes was taken into account by extending the orchestra pit under the proscenium area.

The fact that acoustical details were implemented meticulously makes it possible that nowadays the audience can once more experience the excellent acoustics in the theatre "La Fenice".



### CLIENT

City of Venice

### ARCHITECT

Aldo Rossi, Milan

### PROJECT DATA

Planning period	1996 - 2002
Construction period	1998 - 2004
Gross volume	160,000 m <sup>3</sup>
Cost of construction	89 million euros

### SERVICES RENDERED

Room acoustics, building acoustics, noise immission control, protection against external noise  
Site supervision, test stand and site measurements, final acceptance tests, assistance during inauguration

1 Auditorium, view from the stage

2 Foyer: the "Sala Apollinee"

3 Main entrance

4 Stage with the orchestra shell

5 View from the Royal Box

Pictures: 1-3+5 Arassociati; 4 Müller-BBM