



Teatro Eden: new spaces for culture

How should a historical building and new spaces specially created to meet recent productive needs be harmonised? Not just thanks to the care and respectful recovery of the existing building but also the use of technological innovations inserted in such a way as to remain "invisible" and finding solutions that are extremely functional. In the restoration and extension of the Teatro Eden in Treviso, the new rooms have been built underground so as to minimise the impact – digging out an area of 2,000 square metres six metres down crossed by groundwater and creating a protective system against seepage with a concrete diaphragm with waterproof seals.

Location

- **location.** Teatro Eden, Treviso.
- **history of the building.** Built at the beginning of the Twentieth Century the Teatro Eden is one of the symbols of Treviso and Italian musical culture.

Intervention

- **type of intervention.** Restoration and extension.
- **duration of the intervention.** Ten months.
- **customer.** Fondazione Cassamarca
- **designer.** Luciano Gemin, architect
- **general contractor.** Dottor Group.
- **purposes.** Renewing and enlarging the spaces.
- **logistics.** The entire operation was conducted in accordance with an efficient and innovative logistical organisation: in order to comply with the very tight delivery times, parallel work centres were fitted out such as the one dedicated to the restoration of the wooden and iron sections and the one responsible for the recovery of the original flooring.
- **structural/architectural intervention.** The intervention involved the recovery of the entire surface, with large-scale work on the redoing of the roof, the original acoustic suspended ceiling and all the internal and external elements such as the wooden balustrades, gres and iron elements etc..
The scenic tower, served by dressing rooms has been reconstructed in an extremely functional manner. The stage, that extends over 370 square metres, has an orchestra pit alongside that has been duly enlarged and can accommodate a forty-piece ensemble.
The perfect acoustics were designed in conjunction with the University of Padua. The sophisticated climate control system reaches all the comfortable seats through special pipes.
The available space has therefore been doubled with the creation of 2,000 brand new square metres of underground rooms, that have been added to the eight hundred of the original structure. A L-shaped underground volume has in fact been created for the audience's cloakroom and a second underground volume in a rectangular shape has been made for the technical rooms, storage areas and the toilets. Both the areas have been made outside the perimeter of the building.