



Proter Imex srl
Via Borgo Molino 12
31020 San Pietro di Feletto
Italy

T +39 0438 784227
F +39 0438 784247
info@proterimex.it
www.proterimex.it

Unindustria Bologna

Case study





Proterceiling radiant ceiling is a heating and cooling system integrated in the false ceiling.

Using a radiant ceiling in new buildings or in the retrofitting of old buildings has many advantages:

- great comfort without air drafts
- 30% cost saving
- completely silent
- no maintenance required
- unlimited life time
- it adapts to every environment



Trend Air Curtain
hidden in the false ceiling



Client's demand: restoration of "Casa degli industriali", built in the 1963 and used as offices.

The restoration of the building (that was built by Mr. Giorgio Barbieri and designed by Arch. Enzo Zacchioli) was completed during its 50th anniversary.

The air-conditioning system made with Proterceiling radiant ceilings joins great comfort with aesthetic integration in the rooms. In the entrance, the original boiserie and the marble covering were kept, **Kappa Executive** radiant ceiling was made with

panels attached to the exposed upper structure to create lines between panels that evoke the black lines on the floor.

The Trend air curtain, built on the entrance door, has been completely integrated into the radiant ceiling to create an invisible door that preserves the comfort level in the building all year-round with no energy waste or obstacles on the passage way.

In the operative rooms were used **Vega Office** ceilings with anti-reverberation micro-perforation design and the addition of

insulation materials to improve rooms' acoustic features.

False structures were made between panels to insert lights that can be moved if would vary the internal offices' disposition.

Radiant ceilings proved to be a flexible and efficient solution among the different areas and needs of the project.

Project name Intervention area:

Unindustria Bologna 1200 m²

Radiant ceilings:

Kappa Executive | Vega Office

Air curtains:

Trend

Architectural design:

Zacchioli Architetti Associati

Arch. Elena Zacchioli

Arch. Pietro Mascagni

Mechanical design:

Pool Progetti Studio Associato

Eng. Lino Bruni