



Project Reference

Conrad Hotel warms to DEVI solution Energy-efficient comfort, all year round

Designed by world-renowned MAD Architects, the Conrad Hotel in the heart of Beijing's commercial district has already become a major local landmark. But its striking profile and innovative design were not achieved without the need to overcome some significant practical challenges

Rooms with a view

Conrad Hotels are a flagship luxury brand of the Hilton Group, and Hilton wanted to ensure that they would be able to offer guests a truly unique experience. With that in mind, MAD proposed a design solution that made an external-facing bathroom a feature of every single room. With floor-to-ceiling windows, this created the desired "wow" factor, with guests enjoying remarkable views over the bustling downtown area.

Ensuring comfort for guests

However, due to the sharp seasonal temperature differences experienced in Beijing, Hilton were concerned that the bathrooms would become uncomfortably cold during the winter months, due to heat loss from the large windows. The solution proposed by local DEVI

installation specialists CSCEC proved simple, cost-effective and highly energy-efficient.

All 298 bathrooms in the hotel were equipped with DEVIflex™ 18T under-floor heating cables and DEVIreg™ 330 thermostatic controllers. The screened twin-conductor cables are lead-free, flame retardant and can be flexibly installed either between joists or within DEVIcell™ insulation plates. They are also ideal for thin floors.

Efficient and cost-saving

The installation project covered a total area of around 3,000 m² and was completed on time and on budget by installers CSCEC. As well as providing effortless fingertip control of the ambient temperature in the bathrooms, the DEVI solution is also extremely energy-efficient. At an average power consumption of just 80-100 W/m², the DEVI heating cables play a significant role in reducing the building's operating costs.

Thanks to the DEVI heating cable solution, guests at this prestigious hotel will always be able to enjoy ideal temperatures in their bath-



This one of a kind design is followed by innovative and permanent technology of electric heating by DEVI.

Now every guest of the Conrad Beijing Hotel can relax in his or her ideal atmosphere.

Marius Beek
DEVI



rooms, far into the future. After all, DEVI has not yet recorded a single failure with one of the company's heating cables in over 40 years of manufacture. The future for the Conrad Hotel Beijing looks warm and cozy.

The heart of Beijing

The Conrad Beijing (Beijing Kanglaide Jiudian) is strategically located in the vibrant Chaoyang District of Beijing. It stays close to the Central Business District and Embassy District - within walking distance. The hotel is also in close to well-known dining, entertainment and shopping hubs including Sanlitun Village, Solana and Shin Kong Place and a short drive away from Beijing's most famous attractions, together with

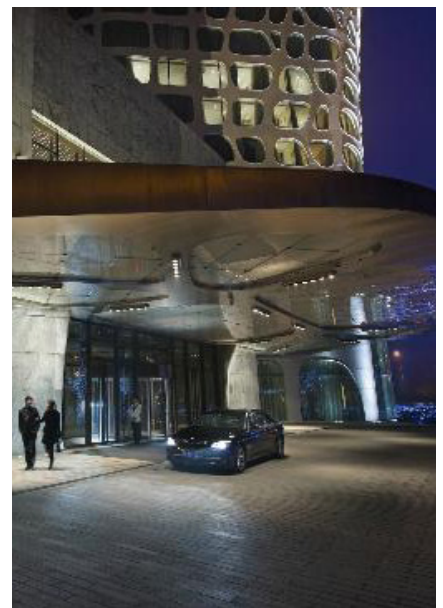
Tian'anmen Square, the Forbidden City and Temple of Heaven.

Innovation for modern design

The most interesting features of the Conrad Beijing hotel are white walls that resemble the Swiss cheese. This shape of modern architecture attracts the attention of people.

Installation overview:

- Individually controllable under-floor heating in all 298 bathrooms.
- Total area extends to around 3,000 m².
- DEVIflex™ 18T heating cables with outstanding product lifetime guaranteed for at least 20 years, consume just 80-100 W/m².
- DEVIreg™ 330 thermostatic controllers for fingertip control allows guests to easily set their preferred temperature.



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