



Polybutene
Piping Systems Association

Case Study

Park Hyatt Resort & Spa - Goa, IN



Thermaflex | Flexalen



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Park Hyatt Goa is a unique property nestled along the pristine Arrosim beach. Its 45 acres of landscaped gardens, waterways and lagoons, offer visitors an exceptional experience. As a complex delivering a high level of comfort, Park Hyatt joined with PBPSA member Thermaflex to address its renovation challenge head-on to maximize comfort for its guests while minimizing energy and environmental cost.



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A suitable, durable solution for the hotel's supply of domestic hot and cold water as well as for indoor air-conditioning was found. The project was realized in 3 stages. A total of 27 km of Flexalen 600 pre-insulated polybutene-1 (polybutylene, PB-1) pipes were specified for both indoor and outdoor domestic hot and cold water. An additional 14 km of ThermaSmart PRO self adhesive insulation was provided for the chilled water lines and air-conditioning. The jointly planned project received considerable technical support from Thermaflex and the project owners were pleased by the special support provided by the installation team in India at the construction site.

Goals

To be an interesting and quality destination for guests from around the world, the Park Hyatt Goa Resort and Spa strives to maintain the highest level of guest satisfaction. Because of the hot and humid climate, energy is a critical factor. The focus of this renovation process was mainly on air-conditioning to be able to ease the hot Indian weather for guests. In addition, the supply of the domestic hot, cold and chilled water was effectively addressed, and a reliable solution was achieved. The project was planned in 3 stages to ensure minimal disturbance to guests and surroundings.

Results

The quick and easy installation with very little disturbance to guests and the existing environment were highly appreciated by the Thermaflex stakeholders. In addition, the environmentally friendly materials were a critical factor for Park Hyatt, whose energy bill has also proved to be substantially lower as well.

Statistics

- **21,900,000 liters of chilled water saved per year**
- **27,500 meters of pre-insulated pipes**
- **14,000 meters of ThermaSmart PRO insulation**
- **Project duration: 3 years**

Organisations

Park Hyatt Goa Resort and Spa was subsequently acquired by ITC and renamed ITC Grand Goa

Contact

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