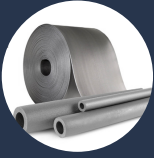


# COVALIA SHOPPING MALL

Serving diverse, high-end needs in an all-in-one solution



ThermaSmart PRO



Pre-insulated Flexalen pipes



Certificates



## OBJECTIVES

The Covalia state-of-the-art building complex sought to secure an integrated energy solution for its wide variety of end-users, the first of its kind in the state of San Luis Potosi. In order to meet the different needs in such an energy-intensive facility, engineering an efficient and sustainable solution was crucial.

## RESULTS

All 12 stories of living, working, shopping and dining are now perfectly equipped to fulfill the high and diverse energy demands in a perfectly clean and healthy indoor environment. The widespread needs and conditions for the multitude of different users are met at a flawless performance to this day. Our solution guarantees this performance throughout the lifetime of the building. The Covalia and its exclusive mix of services developed as an attractive spot for the local community, numerous tourists and business travelers today.

## PROCESS

In order to keep up a healthy and clean indoor environment, an efficient and sustainable level of heating, cooling and ventilation – using healthy materials – is key. In close cooperation with the real estate developer, Thermaflex designed and developed a complete solution for Covalia's energy infrastructure with a **smart network of pre-insulated Flexalen pipes, next to ThermaSmart PRO** technical insulation systems for the existing installations. The total package consists of almost 2 km of PB-1 carrier pipes, 2.3 km of **ThermaSmart PRO tubes** and 200 m<sup>2</sup> of **ThermaSmart PRO sheet**.

## PROJECT LOCATION


 San Luis Potosi, Mexico


## AT A GLANCE

- Duration of **12 Months**
- **16 levels** for living, working, shopping dining and parking,
- **900 m<sup>2</sup>** of office area and 5,222 m<sup>2</sup> of bars, arcade rooms and pools.

## APPLICATIONS

- Heating & Cooling Networks
- Ventilation

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