

BELZONA SEALS EXPANSION JOINTS ON 24 STORY TOWERS

ID: 137



PROBLEM

Customer needed to find a long lasting joint to withstand the estimated movements due to predicted settlements, temperature effects, earthquakes and deflections under normal loading.

APPLICATION SITUATION

The expansion joints between two reinforced concrete 24-story towers and a five floor sub-structure

APPLICATION METHOD

In accordance with Belzona Know-How Leaflet FPA-6.

BELZONA FACTS

No other material considered met the movement specifications and durability requirements. Satisfaction with this job resulted in additional work on this contract doubling the value of the job. Still effective after 10 years.

INDUSTRY

General Industry

LOCATION

Government of Trinidad and Tobago

APPLICATION DATE

Completed September, 1986

PRODUCTS

Belzona 2211 (MP Hi-Build Elastomer)
Belzona 2111 (D & A Hi-Build Elastomer)
Belzona 3111 (Flexible Membrane)

SUBSTRATE

Concrete

PHOTOS

1. External view of the building
2. Expansion joint made with Belzona 2211
3. Feet of X-brace protected with Belzona 3111

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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