

BELZONA SEALS EXPANSION JOINTS ON 24 STORY TOWERS

ID: 137

Industry: *General Industry*

Application: *FPA-Floor Problem Areas*

Substrate: *Concrete*

Products: ** Belzona® 2211 (MP Hi-Build Elastomer) ,
* Belzona® 2111 (D & A Hi-Build Elastomer) ,
* Belzona® 3111 (Flexible Membrane) ,*

Customer Location: *Government of Trinidad and Tobago*

Application Date: *Completed September, 1986*

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.



Photograph Descriptions

- * External view of the building ,
- * Expansion joint made with Belzona® 2211 ,
- * Feet of X-brace protected with Belzona® 3111 ,

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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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9000 Registered Quality
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