

Project Brief

## The Phuket Meridian Hotel Withstands Tsunami



Phuket, Thailand  
1996



### Tyfo® Column and Beam Wrap Survived the 2005 Tsunami

In 1996, some of the south side columns and beams of the hotel were wrapped using the Tyfo® SEH-51 System.

On December 26, 2004 when the Tsunami hit, the hotel was subjected to three waves approximately 20 feet high. The first floor of the hotel was inundated with water.

The conclusion of the site visit was:

- The columns and beams (some exposed to the Phuket heat, humidity, and direct sunlight for ten years) were in good shape and the Tyfo® SEH-51 composite looked just like the day it was installed in 1996.
- The columns and beams were in the originally installed condition in December 2005 after the Tsunami.
- Tyfo® SEH and SCH Systems could be recommended to guard against future Tsunamis.

#### Fyfe Co. LLC

Nancy Ridge Technology Center

6310 Nancy Ridge Drive, Suite 103, San Diego, CA 92121-3209

Tel: 858.642.0694 Fax: 858.642.0947 E-Mail: [info@fyfeco.com](mailto:info@fyfeco.com) [www.fyfeco.com](http://www.fyfeco.com)