



# Project Overview

## REPAIR OF EARTHQUAKE DAMAGED TILTUP WALLS WITH GLASS FRP

**Name:** Mitsubishi Corp.  
**Type:** Warehouse  
**Location:** Compton, California  
**Completed:** November 1996

### PROBLEM

Mitsubishi, an FRP supplier, chose QuakeWrap, Inc. instead of its internal FRP division, to handle repair work for one of its warehouses.

A number of tilt-up walls in the Mitsubishi warehouse in Pasadena, California were cracked. While crack injection was a possibility, FRP retrofit was seen as a better solution to strengthen the warehouse walls.



### SOLUTION

Use of QuakeWrap® glass fabric instead of crack injection allowed for considerable cost savings. At the same time, the walls were strengthened to resist larger loads.



## Technical Highlights

- Mitsubishi, an FRP supplier, chose QuakeWrap, Inc. instead of the company division for the retrofit work.
- Warehouse needed to remain in use through project
  - 12,000 ft<sup>2</sup> of QuakeWrap® glass fabric was used
  - Fabric laid in strips rather than covering entire surface
  - Finished walls were painted to match original appearance

## Credits

Consultant: Cataldo Architects & Engineers, Pasadena, CA  
General Contractor: Delta Pacific Builders, Inc., Huntington Beach, CA



*“The FRP Retrofit Experts”*