

## REBUILDING EXPANSION JOINTS

### CUSTOMER

HOTEL  
Vancouver, BC.

### APPLICATION DATE

August 2002



### PROBLEM

The expansion joints were poorly constructed and original material had sagged creating a depression in the carpet. To overcome this, metal plates were placed over the top of the joint. Because the floors were not level these created a major hump in the passageway.

### PRODUCTS

Belzona® 2221 MP Fluid Elastomer  
Belzona® 4111 Magma Quartz

### SUBSTRATE

Concrete / steel

### APPLICATION METHOD

Application carried out in accordance with Belzona® Know-How Leaflet FPA-6

### BELZONA FACTS

The surrounding floor area was rebuilt and leveled to ensure a smooth transition between the two floor slabs. The expansion joints were then re-cast. Because of the quick curing characteristics of the Belzona products it was possible to rebuild 2 expansion joints per day causing minimum disruption.

### PHOTOGRAPHS

1. View of exposed expansion joint prior to removal of "brick"
2. Preparation underway.
3. Completed application with floor leveled off with Belzona 4111 Magma Quartz and new flexible expansion joint cast with Belzona 2221 MP Fluid Elastomer.

