

# Strengthening of masonry walls in an office building, Zurich, Switzerland

**Location:** Zurich, Switzerland

## **General assessment:**

**Problem:** Amongst many other alterations, old wooden floors and all of the inner load bearing walls and one entire façade had to be removed and replaced by reinforced concrete slabs and columns. Only parts of the interior unreinforced masonry (URM) fire wall remained in place. These alterations changed both the stiffness and the load bearing capacity of the whole structure.

**Solution:** The strengthening system was utilised on one side of the wall for three storeys using 100mm wide strips, 1.2mm in thickness laid diagonally across the wall.

## **Ref:**

