



BUILDING « Le Terrazze » L'Aquila- Italy



WORK/ ACTIVITY
Structural Components of Buildings
Seismic Devices



DESCRIPTION

The private building “Le Terrazze” was hit by the 6th April 2009 earthquake. It is one of the hundreds building damaged but not collapsed.

The building was classified by Governmental Technical Body as able to be retrofitted and therefore the owners decided to carry out the base isolation through installation of sliding pendulum.

FPC Italia has designed, manufactured, supplied and installed the ISOSISM PS. In particular the installation was performed by the special columns cutting system designed by FPC Italia. Such specialized procedure allows to optimize the working time on site.

Till today FPC Italia has retrofitted more than 19 buildings in L'Aquila town.

RANGE

| DEVICE | VERTICAL FORCE (KN) | TOTAL DISPLACEMENT (MM) | QUANTITY |
|--------|---------------------|-------------------------|----------|
| PS | 1500 | 500 | 64 |
| PS | 2000 | 500 | 13 |
| PS | 2500 | 500 | 4 |

PROJECT

Agency : Private owner
Customer : Gruppo PALMERINI
Year : 2014

