



Place Vendôme
Restructuring of historic buildings
from the 17th century
2015 - 2016



FRANCE - Paris

Client

**TESS ATELIER
INGENERIE**

Owner
UFIPAR

Highlights

Historic buildings from the
17th century :



The Project

Three historic buildings dating from the 17th century located Place Vendôme, in Paris, are undergoing restructuring. The works include substantial changes to the superstructure and the addition of another basement level. As part of this project for client UFIPAR (owner), TERRASOL is involved in the project and execution phases with BARTHÉLÉMY-GRİÑO ARCHITECTES and the structural engineering consultancy T/E/S/S.

Key features

- Drafting of the specifications for geotechnical investigations
- Design of the underpinning solution (micropiles)

Our Services

Founded superficially in the old alluvia, these buildings have undergone substantial evolutions during their long history, particularly in their foundations.

TERRASOL defined the specifications for the geotechnical investigations, including a number of excavations to survey the existing foundations, and followed-up these investigations.

Following the preparation of a schematic diagram of the existing foundations, TERRASOL carried out the design for the underpinning works, taking into account the interaction between foundations, and the uplift forces generated in the micropiles by the water pressures.

The underpinning works with alternating lined shafts are now in progress. TERRASOL ensures the follow-up of these works, which are carried out in a space that is very confined in places and under thick sandstone and dressed stone facades.