



## **Ginger CEBTP Démolition, prime contractor for blasting the Lyautey tower blocks in Rillieux-la-Pape**

**Paris – 24 February 2017. Ginger CEBTP Démolition was in charge of another major demolition operation on 23 February last: where two residential high-rise blocks of flats were blasted in Rillieux-la-Pape.**

On Thursday 23 February, at 11:30 am precisely, the two Lyautey towers located in Rillieux-la-Pape, on the northern outskirts of the city of Lyon, were demolished. This mission, requested by the municipality and local planner-developer Dynacité, was entrusted to Ginger CEBTP Démolition, appointed prime contractor. Partnering with Groupe EPC, which carried out the work on-site, Ginger CEBTP Démolition conducted the structural implementation and pre-weakening studies in addition to coordinating the operation.

The results of Ginger CEBTP Démolition's studies led to demolishing using blasting techniques. As such, explosives were placed on five floors: the ground floor, the first, the fifth, the ninth and the thirteenth. 40% of the structure of these floors was stripped.

These two 15-floor tower blocks, comprising a concrete structure, imploded 1.7 seconds one after the other. As regards sequencing, 336 milliseconds separated tripping the first and last detonator, per tower.

The day the towers were detonated, major security measures were implemented: 2,500 residents were evacuated for the morning and a 200-metre radius security cordon was set up.

This new operation complements Ginger CEBTP Démolition's numerous explosive demolition references: Cyprés Tower in Marseille (2016), the Auvergnés and Artois Towers in Meaux (2015), the Saint-Quentin Towers in New Caledonia (2015), the Duchère block of flats in Lyon (2015).

Key demolition figures:

- 275 kg of explosives
- 1,455 detonators
- 1,632 linear metres of drilling
- 18,000 tonnes of concrete to be evacuated after the blast

### **About Ginger Group**

Ginger is the French leader of recommendation engineering. Specialized in soils, water, material, works and environmental engineering, the Group has ambition to become the major player for construction, sustainable cities, and industrials.

The Ginger's skills are built on a perfect technical control on several fields as geotechnics, polluted soils and sites, material health and water.

With a network composed of 70 offices, Ginger includes around 1,700 salaries in Metropolitan France and overseas, and at the international.

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