

PROJECTS

Parking "Garavello" (CH) | May 2017





PROJECT HISTORY

PARKING "GARAVELLO"

THE CITY PARKING "GARAVELLO" IN MORCOTE (SWITZERLAND) HAS BEEN OFFICIALLY OPENED THE MAY 21ST 2016 IN THE PRESENCE OF THE LOCAL AUTHORITIES

Engineered by the architect Milesi Gabriele & Fabio SA, with a total cost of 27 million Swiss Francs (25,1 MM Euro) and realized by the building company G. & F. Milesi General Contractor SA, this parking offers space for 301 auto vehicles on six floors.

The parking is accessed from the road skirting the lake, from which the former parking area had been removed to create public space, green zones and an area for loading/unloading. The aim of the city hall was to free the town center from auto vehicles, which created heavy traffic, in particular during the summer season, and thus hindered locals and tourists alike to enjoy Morcote's beauty and to go shopping downtown.

In the last decades, there had been various projects: first a "touristic road" (never put into place because of environmental reasons), then the idea of a ring road around the mountain (abandoned for several recourses) and lately, in 1994 the costly proposal to build two parking spaces around Morcote's periphery (San Carlo and Costa). Also the project of a floating underwater parking went nowhere because of its stratospheric costs, while at the same time in the area of the green zone "Parco Scherer" for another project a second parking area had already been designed and the authorization procedures started .

Thank's to the close collaboration between the public and private partners (which are building four housing units on top), in 2011 a modification to the present project had been studied, approved and then finally built.



ARCHITECT**FABIO MILESI - MILESI GABRIELE E FABIO SA**

FIND BELOW A TRANSCRIPT OF THE INTERVIEW WITH THE ARCHITECT FABIO MILESI, INITIATOR OF THIS SUCCESSFUL PROJECT

Mr. Milesi, what have been the challenges and problems for this project given also its historic importance?

The contractual timeline was really challenging. The local population had been waiting for this construction for almost 40 years, so I wanted to make sure that the parking be completed and delivered to the local authority of Morcote on time.

We imagine that excavating rock is a demanding job, especially statically?

You are absolutely right, the excavations presented several problems. There was, for example, no area to deposit the excavation debris and the new materials for the construction. We had to organize the logistics of the project in a very efficient manner in order to advance the construction fast and rationally. I'd also like to add that for the stability of the excavation (150 meters in length by 25 meters in height) we had to do special fixations, in particular, we used 122 anchors with an average length of 24 meters and 600 rock screws on the 1.300 sqm of sprayed concrete wall.

What have been the aesthetic principles which guided you in reaching the current colored solution?

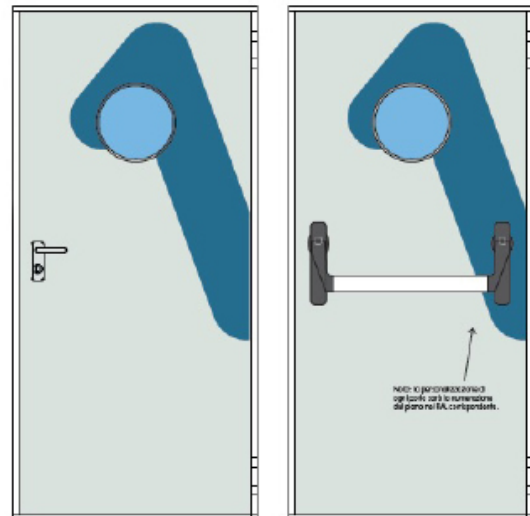
The basic idea had been to differentiate and create a color theme for each floor of Morcote's parking area. For better recognizability, we selected a base color for every level and personalized it with logos of the most important buildings of the county of Morcote.

1st Blue floor
Lake front / Arches of Morcote

2nd Green floor
Parco Scherer

3rd Yellow floor
Church S. Maria del Sasso

4th Red floor
Morcote castle



The NDD decorated Ninz doors seem to complement this concept of logos for every single parking lot quite well!

For sure, the recognizability of the various levels with the doors indicating the floor with a colored number enhances the user's orientation within the building.

By what aesthetic/technical criteria did you select the fire doors and the doors for the security exits?

Technically we followed the Swiss standards for fire protection; aesthetically speaking, we put our graphical concept into place.

What was your experience with Ninz and its local partners?

Ninz has satisfied our expectations with service and quality levels comparable to those of Swiss suppliers.

If you had another project, would you select Ninz Firedoors once again as a supplier for steel doors?

Yes, for sure!



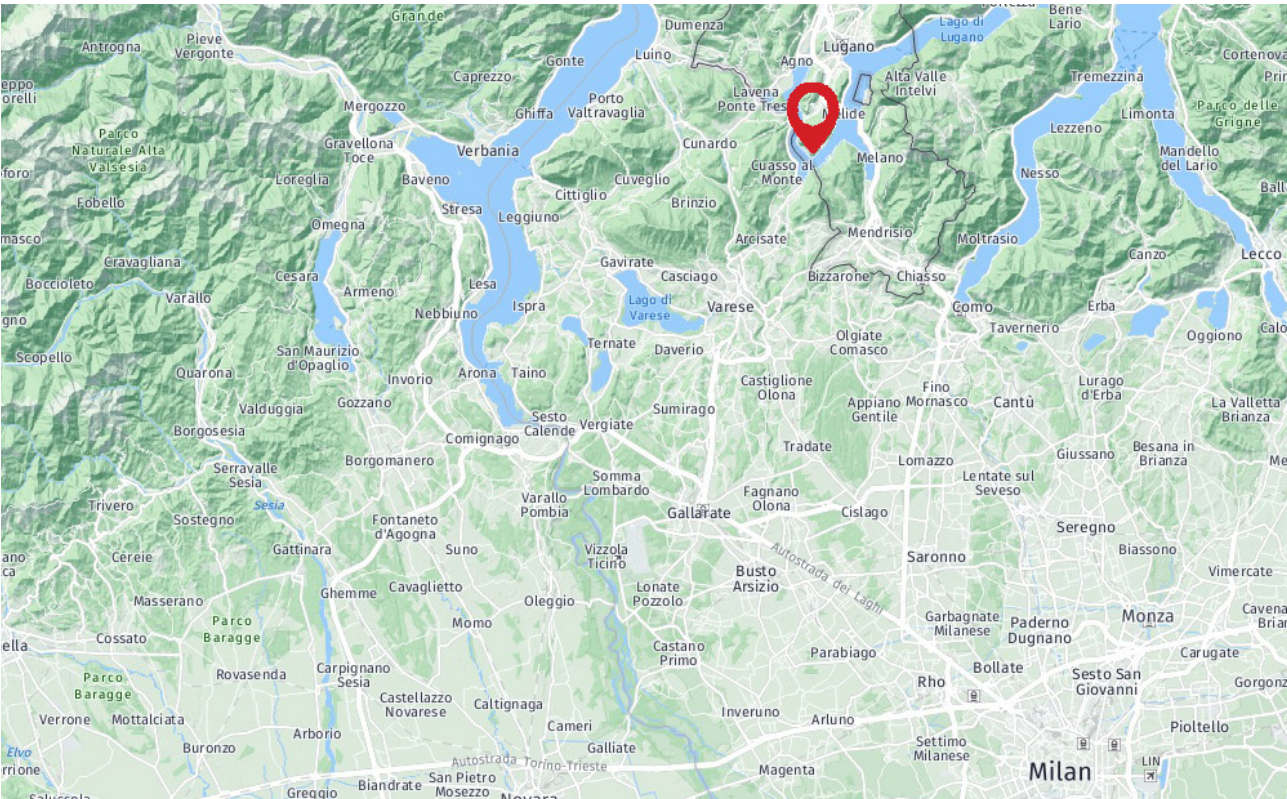
DESIGN

THE COMPANY LAPIX FROM LUGANO CREATED THE DESIGNS FOR THE DOORS (WWW.LAPIX.CH)

Lapix is a young, dynamic and professional company which positions itself as an agency with a 360° offering for marketing and communications.

Its designers, besides the graphics, curated also the physical installation of the decorated signages next to the Ninz doors. The final result in this context has been extremely satisfying thanks also to the innovative Ninz NDD system.

The symbols and decor have been selected to identify the floors according to a scheme of chromatic recognizability. In fact, each floor has its own color scheme and is personalized with icons of places and touristic attractions taken from within the county of Morcote, thus valorising the entire territory.







REALIZATION OF THE PROJECT 2010-2015

FOUNDATIONS DUG INTO THE ROCK, SIDE-WALLS SUPPORTED BY BEAMS WITH PERMANENT ANCHORS, NAILED, JOINTED AND CEMENTED SURFACE, PARKING STRUCTURE PREFABRICATED FROM COMPONENTS AND REINFORCED CONCRETE

Started in 2013 and completed in December 2015, the construction works never went late, not least because of the perfect collaboration between the engineering company and the municipality.

The facade in natural rock along the full length of 150 meters and the unobtrusive and sober style, assure that the parking engages well with its surroundings and connects with the mountain without resulting extraneous despite its imposing size (40.000 m³, 650 m² of asphalted surface, three elevators and three

staircases). The building is composed of six levels, of which three are partially underground, dug into the rock surrounding the lake.

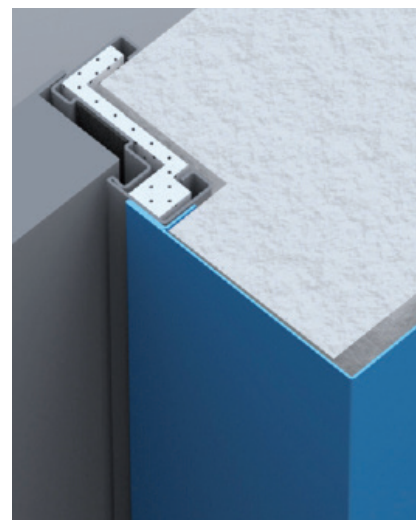
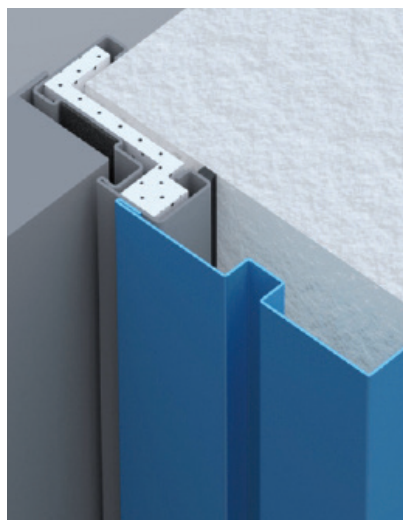
The first four levels are assigned as public parking space for payment, while the fifth is reserved for the tenants of the four residential buildings currently in construction just above. The sixth floor, open-air, will be out-and-out public space for recreational use and events, from where in the future a pedestrian passage will connect the parking with the upper core of Morcote.



SCHEDA TECNICA PRODOTTO PROGET

PROGET multi-usage and EI₂ 60 doors according to EN 1634-1 with Swiss VKF homologation

Frame pre-insulated angular for screw fixing, counter frame IM1 and IM3



COMPANY PRESENTATION

EXPERIENCE YOU CAN RELY ON

NINZ SPA IS ITALY'S LEADING PRODUCER OF FIRE DOORS HOLDING A 70% SHARE OF ITS MARKET.

Consolidated experience in the sector, familiarity with standards and optimal quality-price ratios are the company's most distinguishing features. Over the years the company has broadened its offer to include multipurpose metal doors and a wide range of accessories. In addition to Italy, Ninz S.p.A. also markets its products in numerous other European countries and countries outside of the European Union.

Production takes place in two different facilities - Bolzano and Ala (TN), where the offices for research and development, sales and logistics are also located. In Ala a third facility is currently under construction designed to further increase production capacity.

From its beginnings in 1953 as a small family-owned metal works company, over the years the company has evolved to become a major industrial player with 250 employees.



by Ninz Firedoors

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