



Our company

We have over 10-years in the non-destructive test business and have a stream of trained, certified and experienced technicians. Blower-door-test® provides cost-effective infrared inspection services for Reliability and Risk Management. We use the latest technology available to provide the best quality test and to provide our customers with extensive, user-friendly analysis reports.

We performed blower-door-tests for the most important projects in Italy, including all the towers of Porta Nuova in Milan, LEED® certified, and Amazon logistic hub in Rieti and Vercelli, both BREEAM® certified. We have international clients as Roche, Marriott and Techint. Our technicians support the project team from the preliminary phase to achieve the goals required by the main environmental certification protocols.





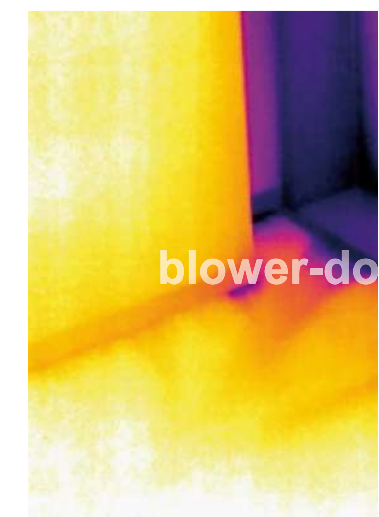
Services



Blower-door-test



Large buildings Blower-door-test



Airtightness design



Air leakage inspection



I.R. Thermography



Door-fan-test





Completed projects

Logistics

AMAZON logistic hubs

- Vercelli, 2017
- Rieti, 2017
- Casirate, 2018
- Torrazza, 2018
- Castelguglielmo, 2020
- Colleferro, 2020
- Novara, 2021
- Udine, 2021
- Alessandria, 2021
- Calderara, 2021
- LIDL distribution centers**
- Arcole, 2018
- Carmagnola, 2021
- Techint warehouse**
- Milano, 2016
- Ferragamo storage**
- Sesto Fiorentino, 2018
- Mozzanica storage**
- S. Ilario d’Enza, 2019

Home and business

- Bosco Verticale**
- Milano, 2014
- Torri Varesine**
- Milano, 2014
- Tenova**
- Varese, 2016
- Le dimore di via Arena**
- Bergamo, 2018
- BNP Paribas**
- Milano, 2018
- Gioia 22**
- Milano, 2020
- Abitare in Maggiolina**
- Milano, 2021
- LIDL Malls**
- Cassano Magnago, 2020
- Milano, 2020
- Novara, 2020
- Brescia, 2020
- Legnago, 2020
- Cesano Boscone, 2021

- Hotel Moxy**
- Malpensa, 2015

Healthcare

- Roche Italia**
- Segrate, 2016
- Ospedale San Raffaele**
- Milano, 2021

Specials

- UEPH Camp Ederle**
- Vicenza, 2020
- JRC—iRESIST+**
- Novara, 2020

Education

- Unimi Scientific complex**
- Milano, 2016



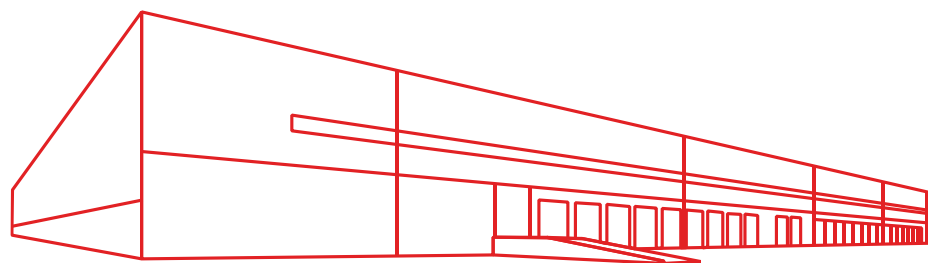


Our clients



Certifications





Logistics





Amazon - Vercelli

Italy largest Amazon logistic center

We performed the air tightness test in the new logistics center in Piemonte. The investigated building has a volume of approximately 1,300,000 m3 and a dispersing surface of approximately 230,000 m2. We subjected the complex to a thorough investigation with blower-door-tests for large buildings for air tightness, leakage inspection for air leakage research and thermal bridges inspection for research with thermography of thermal bridges

Year	2017
Location	Vercelli
Performed test	Blower door test and leakage inspection
Volume	1.300.000 m3

Client

Certification





Ferragamo - Sesto fiorentino

In the important new logistics center built for Ferragamo in Sesto Fiorentino, we carried out airtightness tests and search for leaks on the entire volume, in order to ensure the building's energy and plant efficiency.

Year	2018
Location	Sesto Fiorentino (FI)
Performed test	Blower door test and leakage inspection
Volume	90.000 m3

Client

Salvatore Ferragamo

italianacostruzioni

Certification



Credit: Italiana Costruzioni



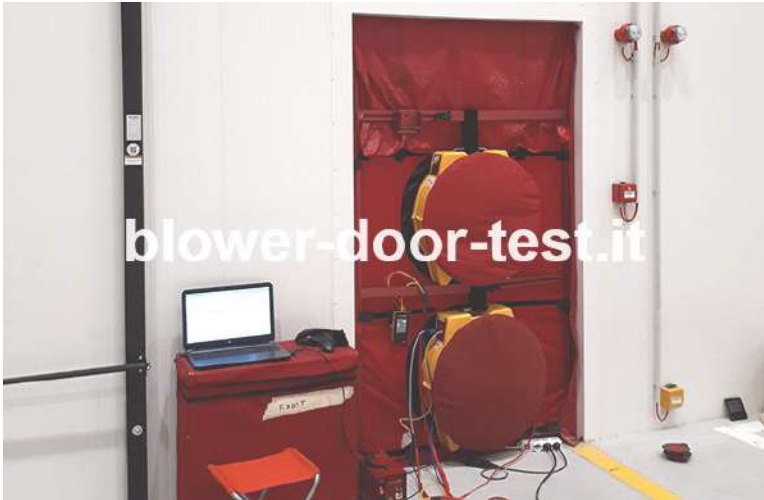


LIDL - Carmagnola

In Carmagnola, in Piemonte, we performed an air tightness test on the new LIDL logistics hub. The tests involved three cold storage rooms for food products. In this type of structure, air tightness is an essential requirement to ensure optimal efficiency of the systems.

Year	2021
Location	Carmagnola (TO)
Performed test	Blower door test and leakage inspection
Volume	141.300 m3

Client





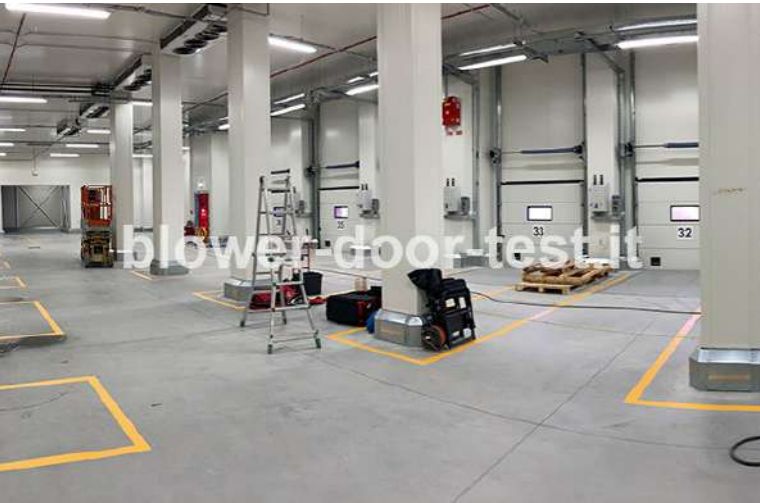
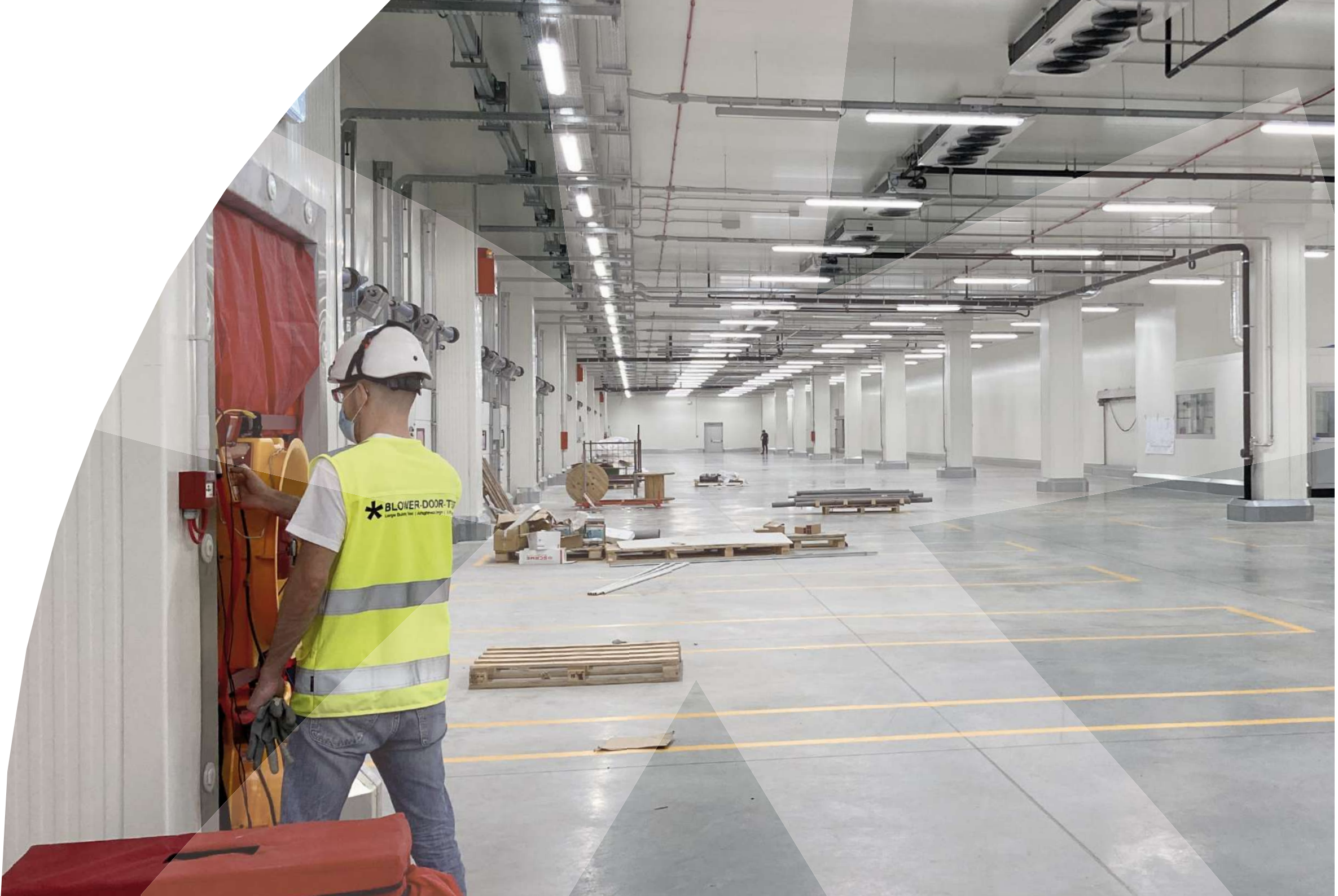
Esselunga - Milano

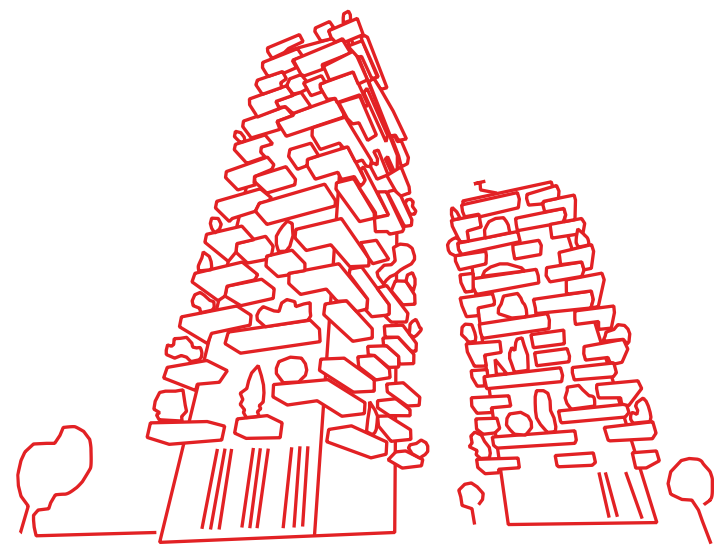
We performed air tightness tests in the new Esselunga logistics center in Via Dione Cassio, in Milan. The survey included blower-door-tests to check air tightness and search for leaks using an anemometer and cold smoke test. The test involved five refrigerated cells for the storage of different categories of products.

Year	2021
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	280 m3

Client

Certification





Home and business





* Bosco Verticale

* Gioia 22

* Torri varesine

* Giardino D'Inverno



Bosco verticale - Milano

The most beautiful Blower-door-test in the world

The famous towers of the Vertical Forest required the overcoming of the requirements of "Internal Environmental Quality" required by the LEED certification, an international protocol guaranteeing energy efficiency and limited environmental impact. We have carried out air tightness and leak detection tests, ensuring the maximum efficiency and living quality required by such innovative and cutting-edge structures.

Year	2014
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	12000 m3

Client



Certification





Torri Porta Nuova - Milano

We performed the air tightness test to overcome the requirements of "Internal Environmental Quality" required by the LEED certification, up to the 34th floor of the Solaria Tower, the highest of the Varesine Towers overlooking Piazza Alvar Aalto in the complex of Porta Nuova in Milan. The other two towers of the complex, Torre Solea and Torre Aria and Le Ville di Porta Nuova in via Joe Colombo were also subjected to the blower door test.

Year	2014
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	21000 m3

Client

Hines

Certification





Torre Gioia 22 - Milano

The Next Generation Tower of Gioia 22, one of the symbols of the city's innovation, has been subjected to air tightness tests to overcome the requirements of "Internal Environmental Quality" required by LEED certification, an international protocol guaranteeing energy efficiency. limited environmental impact and well-being.

Year	2021
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	530 m3

Client



Certification



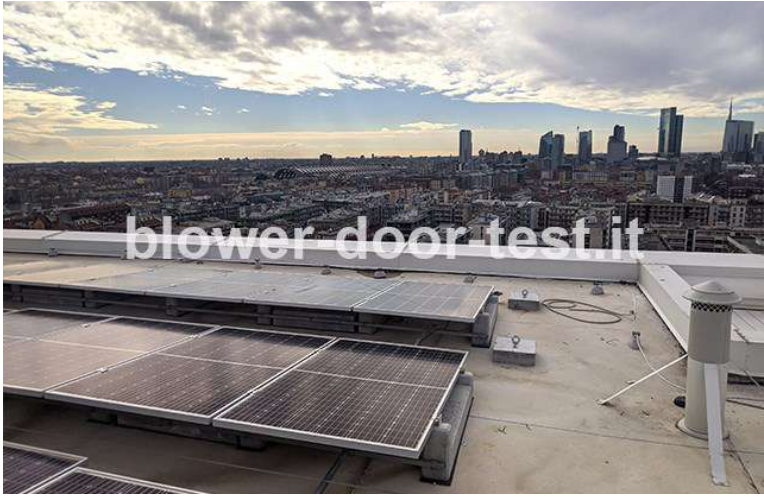


Abitare in Maggiolina - Milano

As part of the redevelopment plan of a former industrial area in the Maggiolina district in Milan, we checked the airtightness of the newly built high-level real estate apartments. The procedures required the pressurization of the environments through blower-door-tests, smoke tests and measurements with digital anemometers. Finally, the test provided useful suggestions for completing the building, ensuring its construction quality.

Year	2021
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	500 m3

Client





Palazzo Arena - Bergamo

In an area of historical and artistic value currently being recovered in the upper city of Bergamo, we collaborated with the Percassi company to obtain the LEED certification within the recovery project of the "Dimore di via Arena", a historic building in the heart of the city. The intervention performed included blower-door-tests and air leak detection.

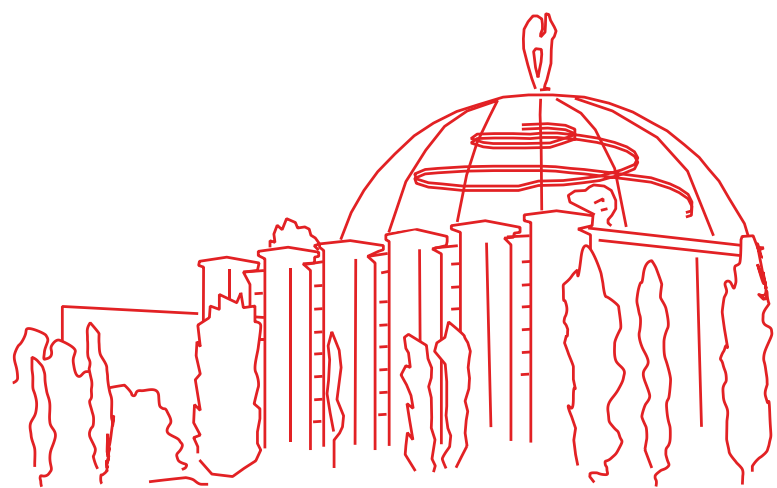
Year	2018
Location	Bergamo
Performed test	Blower door test and leakage inspection
Volume	550 m3

Client



Certification





Healthcare





Roche - Segrate

We performed a Door-Fan-Test at the Roche S.p.A. plant. in Segrate to verify airtightness, essential in advanced research laboratories. The test was performed in the filter room between the elevator landing and the stairs of the basement, ground and first floors.

Year	2016
Location	Segrate (MI)
Performed test	Door-fan-test
Volume	183 m3

Client





Università degli Studi - Milano

We carried out the air tightness tests in the experimental laboratories of the faculty of the University of Milan. Ensuring airtightness on large volumes of laboratories is a fundamental need to ensure their safety and correct functioning.

Year	2015
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	2900 m3

Client





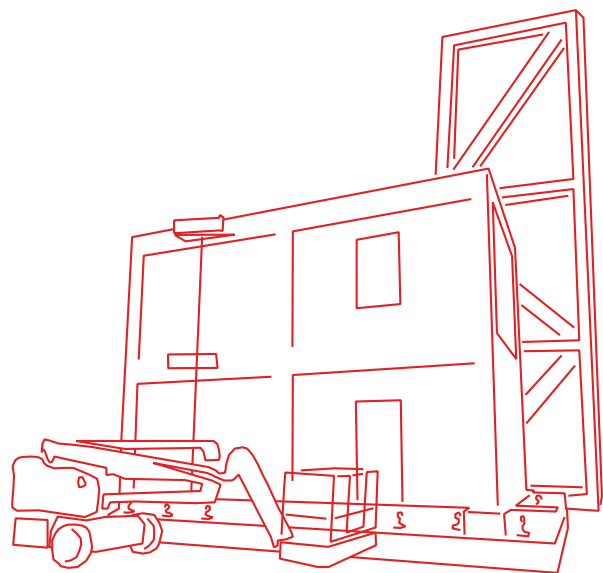
MOG San Raffaele - Milano

The new laboratory and operating complex of the San Raffaele hospital in Milan required the highest air tightness standards available on the market. We participated in this great construction by verifying the airtightness of some of the clean rooms of the new structure.

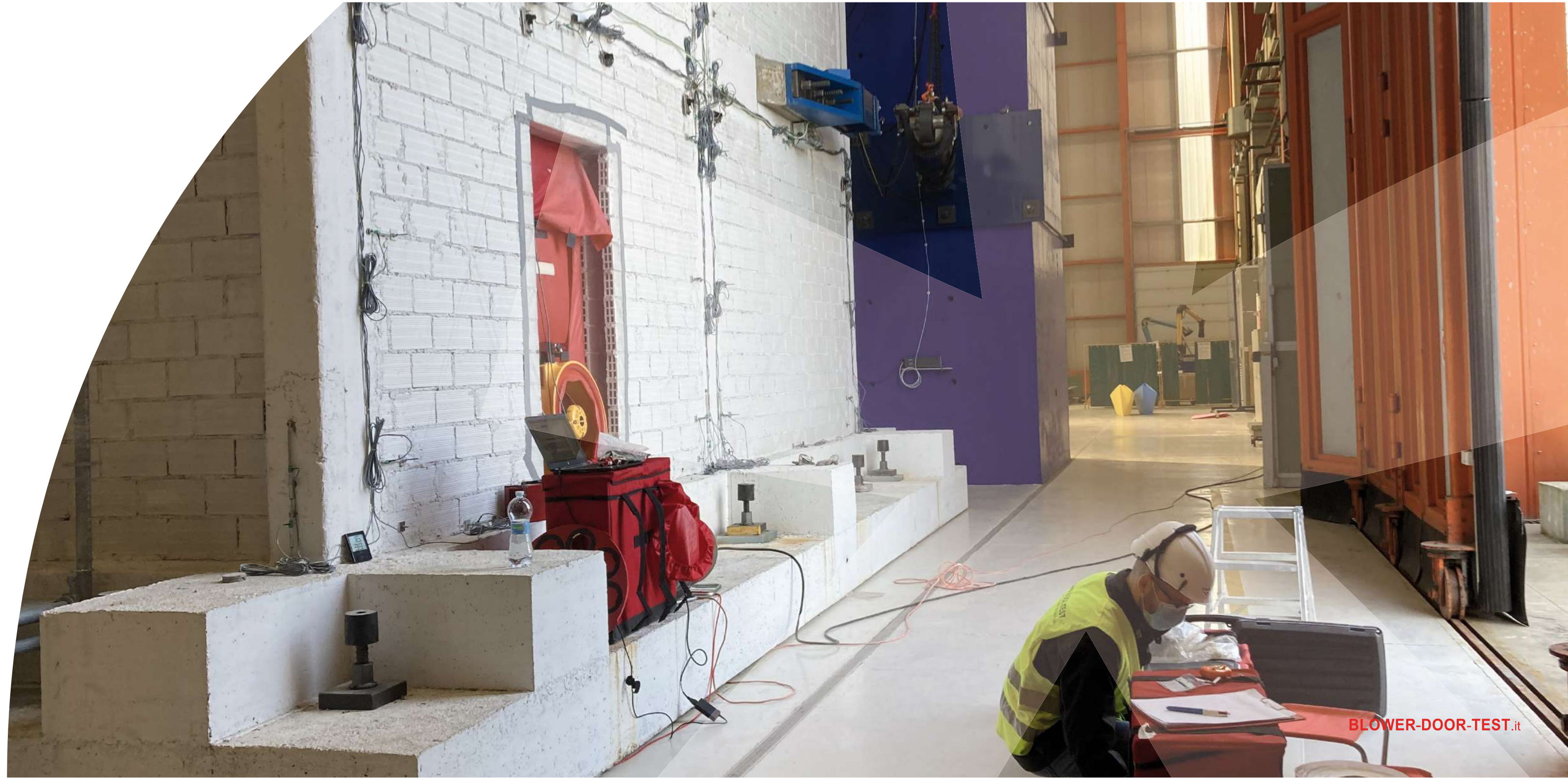
Year	2020
Location	Milano
Performed test	Blower door test and leakage inspection
Volume	250 m3

Client





Special applications





UEPH Camp Ederle - Vicenza

Within the expansion works of the N.A.T.O. of Camp Ederle, in Vicenza, our technicians took care of carrying out air tightness tests at the new residential complexes of the structure, obtaining the LEED certification required by the other construction standards of the field.

Year	2020
Location	Vicenza
Performed test	Blower door test and leakage inspection
Volume	25000 m3

Client

Certification





IRESIST+ model - Ispra

As part of the European research program iRESIST +, relating to the seismic and energy redevelopment of existing buildings, our technicians have made their contribution to a series of laboratory tests on a scale model of a building envelope. The test, performed according to ISO 9972: 2015, provided for the blower door test, to check the air tightness of the enclosure, and the search for leaks, through thermography and cold smoke.

Year	2020
Location	Ispra (VA)
Performed test	Blower door test and leakage inspection
Volume	95 m3

Client



Via San Gottardo, 7 - Monza - Italia

info@blower-door-test.it

366 7571540