



Our BET agency

Blower ® offers building envelope watertightness and airtightness test, curtain wall field testing, Infrared Inspections, Airtightness Design and Large Building Blower-Door-test. Our agency takes a leader position in Italy and south Europe. We provide design for envelope tightness, field tests and leakage detections.

We offer pre-construction and construction phase consultancy, review of submittals and shopdrawing, support during Commissioning Meetings and BET testing plans preparations. We Oversee construction of mock-up and perform testing with documentation, comments, and recommendations.

We have over 15-years experience in non-destructive tests and have a stream of experienced technicians. Blower-door-test ® provides cost-effective infrared inspection for Risk Management. We use the latest technology available to provide the best quality test and extensive and user-friendly analysis reports. We have international clients as Roche, Amazon, Hines, Goodman, LCP, Techbau, Colombo Costruzioni, CMB, Impresa Percassi. Our technicians support the project team from the design phase, to achieve the targets required by standard, customer norms and certification protocols.





Services



Watertightness testing



Airtightness testing



Blower-door-test



A-Wert test



Curtain wall testing



I.R. Thermography



Door-fan-test



BETs Selection

Logistics

AMAZON logistic hubs

- Vercelli, 2017
- Rieti, 2017
- Casirate, 2018
- Torrazza, 2018
- Castelguglielmo, 2020
- Colleferro, 2020
- Novara, 2021
- Udine, 2021
- Alessandria, 2021
- Calderara, 2021
- Spilamberto, 2021
- San Salvo, 2022
- Ardea, 2022
- Siena, 2022

LIDL distribution centers

- Arcole, 2018
- Carmagnola, 2021
- Malta, 2022

Techint warehouse
Milano, 2016

Ferragamo storage
Sesto Fiorentino, 2018

Tertiary

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

Ex Poligrafico dello Stato
Roma, 2022

Retail

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

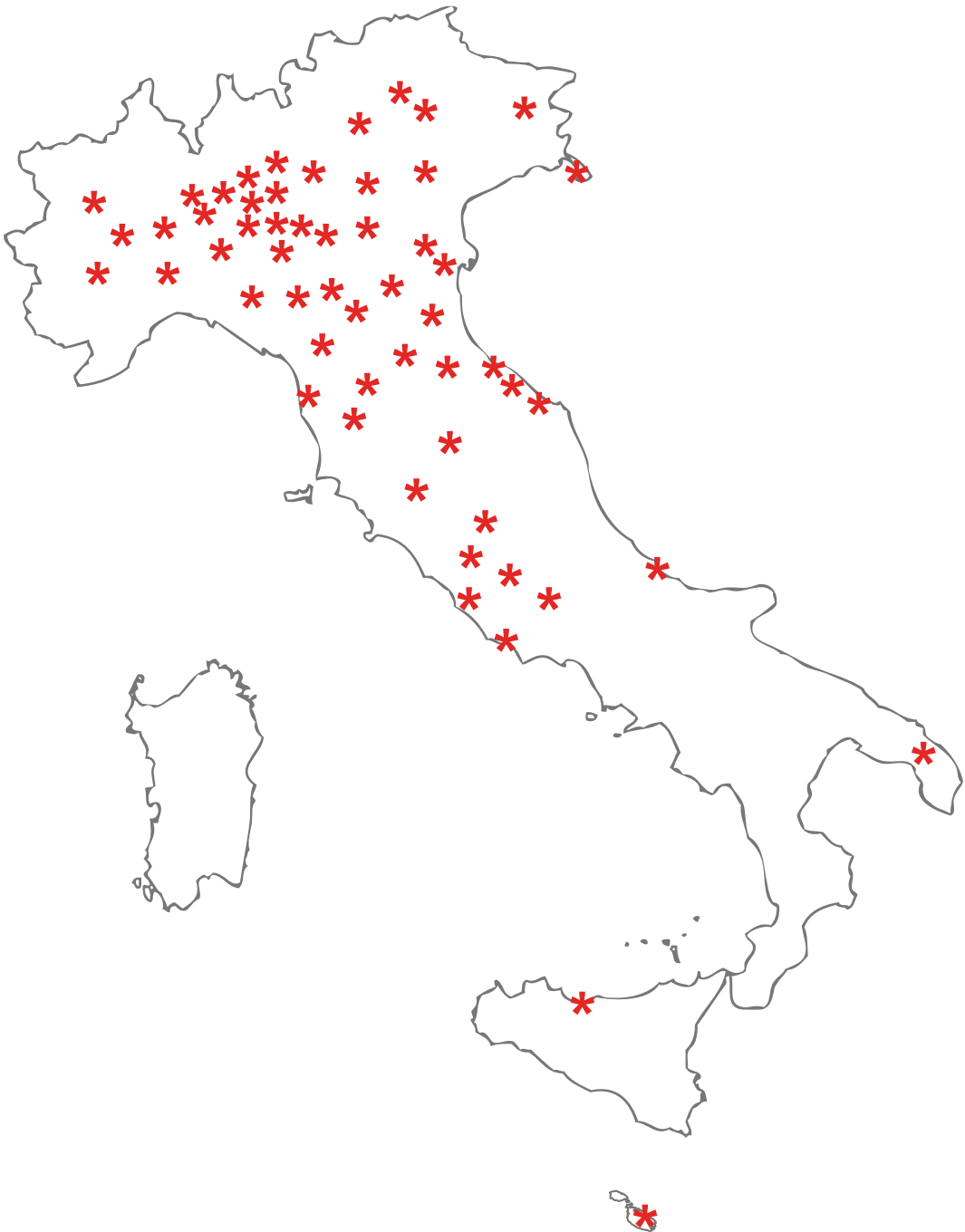
Specials

UEPH Camp Ederle
Vicenza, 2020

JRC—iRESIST+
Novara, 2020

Education

Unimi Scientific complex
Milano, 2019





Our main clients

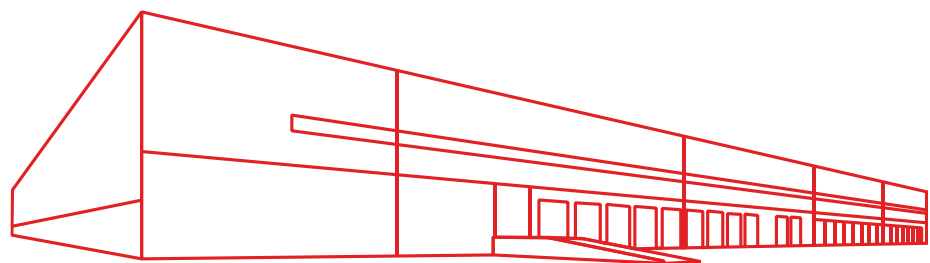


Certification systems



Standards





Logistics



BLOWER



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	Envelope testing - BET design review
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 air and water tightness 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	Envelope testing - Curtain wall testing
Volume	90.000 m3

Client



Certification



Credit: Italiana Costruzioni



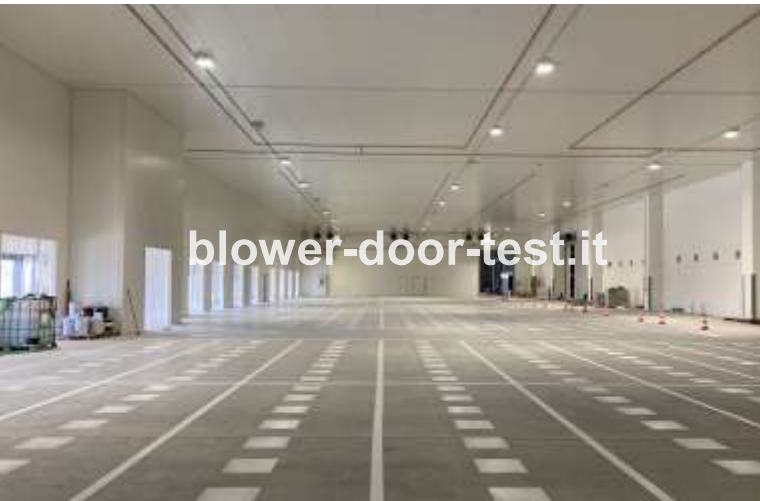


LIDL - Carmagnola

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	Envelope testing - BET design review
Volume	141.300 m3

Client





Esselunga - Milano

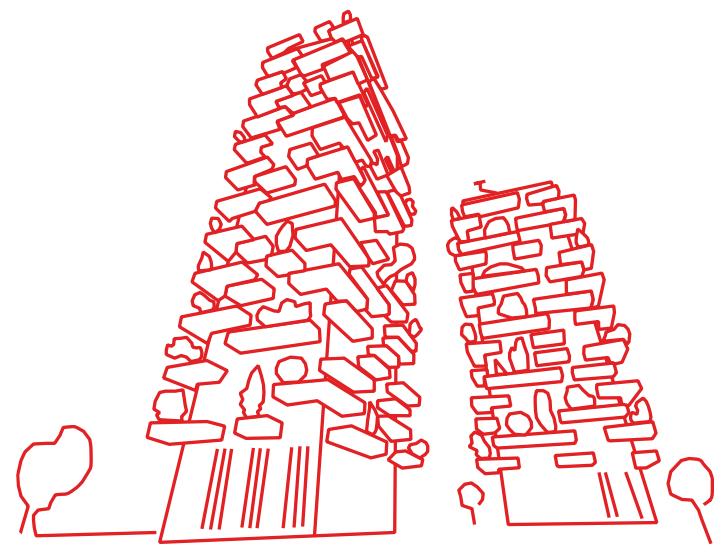
We performed air tightness tests in the new Esselunga logistics center in Via Dione Cassio, in Milan. The survey included blower-door-tests to check air tightness and search for leaks using an anemometer and cold smoke test. The test involved five refrigerated cells for the storage of different categories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

Year	2021
Location	Milano
Performed test	Envelope testing - Airtightness testing
Volume	280 m3

Client

Certification





Home and business



BLOWER®





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	Envelope testing - BET design review
Volume	12000 m3

Client



Certification





Torri Porta Nuova - Milano

We performed the water and 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	Envelope testing - Blower Door Test
Volume	21000 m3

Client

Hines

Certification



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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	Envelope testing - Curtain wall testing
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	Envelope testing - Curtain wall testing
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.

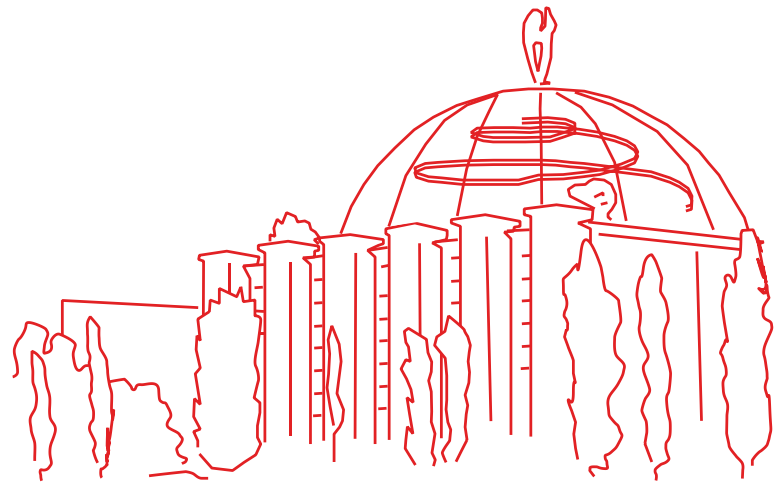
Year	2018
Location	Bergamo
Performed test	Envelope testing - Airtightness testing
Volume	550 m3

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	2017
Location	Segrate (MI)
Performed test	Envelope testing - Airtightness testing
Volume	183 m3

Client





Università degli Studi - Milano

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

Year	2019
Location	Milano
Performed test	Envelope testing - Curtain wall testing
Volume	2900 m3

Client



UNIVERSITÀ
DEGLI STUDI
DI MILANO



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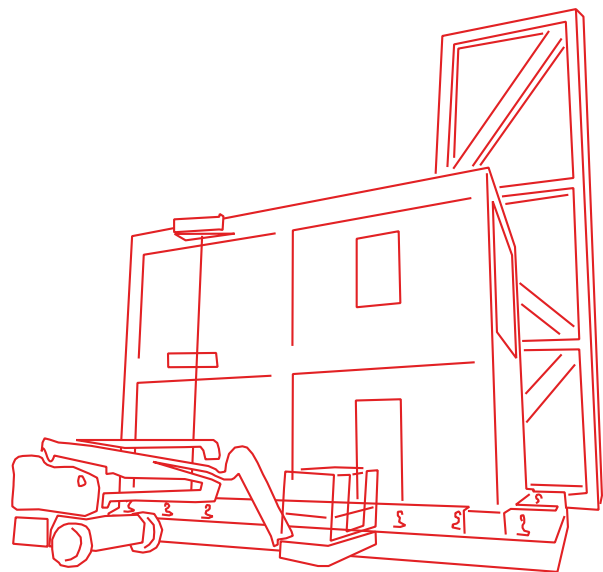
MOG San Raffaele - Milano

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	Envelope testing - Curtain wall testing
Volume	250 m3

Client





Special applications



BLOWER®



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	Envelope testing - Design consultancy
Volume	25000 m3

Client

Certification



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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	Envelope testing - Blower Door Test
Volume	95 m3

Client



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