



**Address:** [Via Valtorta 52, Milan, Milano, Italy, 20127](#)

**Rating system:** [LEED BD+C: Core and Shell](#) · v4 - [LEED v4](#)

**Last certified on:** October 05, 2022

**Certification level:** Gold

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Certification type	Level	Points	Certification date	
LEED v4 BD+C: Core and Shell	Gold	70	October 05, 2022	<a href="#">Scorecard</a>

## Project Info

**Size** 7.053 sq m

V52 is an office building located in a rapidly changing context. The building is the result of a radical transformation that has allowed to reach and exceed the highest standards of performance and comfort.

The redevelopment of the building concerned its expansion, the redevelopment of the facades and rationalization as well as the renovation of the interior. The new facades have given the building a new architectural identity with a strong recognition. The interior spaces, characterized by large and bright windows, have been designed to ensure maximum flexibility for the tenants and are equipped with systems and finishes of high standard.

The redevelopment of the building followed from the beginning the most green values and techniques, like the following:

- reduction in water consumption by more than 45% through the installation of low flow fixtures and fittings;
- reduction in energy consumption by more than 30% through the improvement of the building envelope and the installation of high performance MEP system;
- the installation of a great quantity of photovoltaic panels on the roof of the building, covering more than 7% of the building energy needs;
- the reduction in light consumption through the use of LED technology in the whole building.

High efficiency airsource heat pumps have been installed in the building to provide heating and cooling without the use of fossil fuels, with the result of a deep reduction in the CO2 emissions.

Reduction of CO2 emissions is ensured also through the reuse of more than 50% of the structural elements of the existing building.

For what regard materials installed in the building, a great quantity of the products used have Environmental Product Declaration and Cradle to Cradle Certification, and the 30% of the construction material cost comes from recycled materials.

The building's renovation is a remarkable example of how an existing building can reach state of efficiency and sustainability.