



The left side: with Solar Gard Sentinel Plus Silver 20 installed

On the right side: no window film



Before - Without window film



Work in progress



Solar Control Window Films: Reference Case

Improved comfort, privacy and aesthetics for the HQ of Volkswagen Group in Spain

“The EPD verified Solar Gard® solution helps save energy in the building plus minimizing excessive heat, which are steps the Volkswagen Group Spain is taking ‘to advance in terms of sustainability and well-being’. In addition the the film enhances and unifies the design of the façade.” Josep Simon, DTI

PROJECT INFORMATION

Building & Location:

Bofill building CZFB,
Consorti de la Zona Franca /
Volkswagen Group Spain HQ
Barcelona

Problem:

Excessive heat and glare,
high energy consumption
and exposure.

Solution:

Solar Gard® Sentinel Plus
Silver 20, 3,400 m²

Solar Gard Partner:

DTI - www.grupodti.com

Year of installation:

2023

The iconic Bofill building in the Zona Franca, Barcelona (CZFB) is characterized by its fully glazed façade, which allows in most of the natural light, but also most of the solar heat - all day long. In their search of an efficient solar protection system that would also allow to reduce the energy consumption and improve the thermal comfort, the principal contacted Saint-Gobain Solar Gard partner and distributor Grupo DTI.

Grupo DTI/Solarcheck recommended and installed **Solar Gard® Sentinel Plus Silver 20**, a solution that increases thermal and visual comfort by rejecting up to 82% of the solar energy, 96% of the IR rays, minimizing up to 80% of the annoying glare plus achieving significant savings in energy consumption.

www.solargard.com

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In addition, the film also unifies and upgrades the aesthetic of this remarkable façade, enhances the privacy and still lets in sufficient natural light.

For the tenant of the building, Volkswagen Group Spain, Sustainability in the design of the building has been a key parameter in the search and decision process for a solution. Solar Gard has obtained a verified EPD for the range of outside weatherable films and this was another reason to choose for Saint-Gobain Solar Gard in response to a “need to advance in terms of sustainability and well-being”.

Volkswagen’s human resources director, Ricardo Bacchini, added in a statement: “We have been working on cultural transformation in recent years and we want to promote that also through the design of the new offices.”

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