

Bellapart



Zurich building

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ZURICH BUILDING

By the end of 2016 Bellapart completed the cladding of a double skin façade for an office building located in the heart of Madrid's financial district.

Designed by Rafael de la Hoz architects, the building has recently been awarded as the most efficient building in Spain by Premios 3 Diamantes 2017 and it is in the process of being LEED Platinum certified.

The bespoke design for the outer skin is composed of alternate curved modules of

micro-perforated stainless steel and curved low iron laminated glass achieving an iconic geometry and a light reflecting dynamic response while contributing efficiently to the solar control and glare reduction for the inner working spaces.

The maintenance platform between skins is built in steel and the flooring is a safe access walkway made by anti-slip metal gratings fixed to the structure avoiding holes or welds in the support beams to minimize the risk of corrosion.

The inner skin cladding provides the thermal, solar and acoustic insulation using a high performance coated and Argon filled IGU glazing invisibly fixed on an insulated aluminium frame.

In the intermediate cavity next to the inner skin, a motorized solar control screen system has been installed to dynamically control the solar gain, the glare level and privacy as required.

A positive cooperation between teams and a full size mock-up to work up the details have again proved to be the way to a successful construction.

Owner
Zurich Insurance Group
Architect
Rafael de la Hoz
Engineering & Construction
Bellapart, s.a.u.