



Tvitec

**aesthetics and energy
efficiency create
a bioclimatic façade**

Uría Menéndez is considered one of the most prestigious lawyer's offices in Europe. Over a thousand people are working at their offices worldwide. Their new headquarters, in line with the firm's prestige, will have a truly iconic design right in Madrid city centre (Spain).

THE TRANSFORMATION

Glass has transformed the façade of the old building of Uría Menéndez headquarters at, both in terms of aesthetics and energy efficiency. Tvitec supplied the glass panes for the entire building envelope, with high performance solutions and including about six oversized units, clearly visible on the main façade. These large glass panes, 10 x 3 metres wide, top the whole façade, designed by the renowned Rafael de La-Hoz architect office. Tvitec has shown on this project their capabilities in laminating extra-large glass panes. Each unit has been laminated by using SentryGlas interlayers to improve the safety and soundproofing of the building envelope. In addition, all lites were toughened and heat-soak tested, and digitally printed with a white pattern that creates a unique design of high durability.

In this case study, Tvitec shows us how the installation of a new glass façade can completely transform an old building — not only aesthetically, but also improving energy efficiency.



TVITEC – SUPPLYING MORE THAN 2,000 SQUARE METRES OF GLASS

Altogether, Tvitec supplied more than 2,000 square metres of several different solutions in high quality architectural glass. The inner skin of the façade is made of insulating glass units which serve as a support to the above mentioned large units, among others, smaller, located on the side parts of the building.

This is the way Tvitec's high performance and eco-efficient architectural glass contributes to the bioclimatic façade that the architects designed in order to assist the natural ventilation in Summer and keep the heat in Winter. For the 10-metre units, barely available in Europe but through Tvitec, the design team chose Planitherm XN II (Saint Gobain) on low-iron.

In addition to the sustainability that Tvitec's archi-

Tvitec

Tvitec is a young company with strong roots in the glass industry. Founded in 2007, the company has always had an entrepreneurial spirit and great ambition, powered by a highly skilled team with considerable experience in the sector.

Tvitec offers solutions and products for both small- and medium installers, as well as for major works. The company's main production facility is located in Cubillos del Sil (León), near Ponferrada, where it has a factory of more than 85,000 square metres, the largest in Europe.

tectural glass provides, the lamination process enhances the safety and soundproofing properties

of the glass as this building is located in a really central and noisy part of Madrid.





 Twitec System Glass



C/ Castillo Fuensaldaña n.º4.
Dpcho 228
Centro Empresarial Rozas Nova
28233 Las Rozas – Madrid - Spain
Tel.: +34 - 98 - 7021925
Fax: +34 - 98 - 7021924
E-mail: comunicacion@twitec.com