

TOWNHALL ALPHEN AAN DEN RIJN

Architect
Client
Location
Year

ERICK VAN EGERAAT
HBG
NETHERLANDS, ALPHEN AAN DEN RIJN
2003

05043



The new generation of 'Liquid Design' buildings with their computer designed arbitrary and non-rectilinear form, is mainly generated out of sculptural considerations. Erick van Egeraat's Town Hall in Alphen aan den Rijn is an early example of this type of free form design. One of Octatube's greatest achievements in this project is the engineering and realization of the world's very first cold twisted double glass façade. In addition, the glass has a silver colored screening design print.

All vertical sections over the façade columns are eventually unique. For these sections, 7 types of ellipse profiles are distinguished, but all individually different. The entire façade is built up from a total of 109 elliptical façade columns. To these, 650 glass nodes in 75 different models have been applied which tighten a total of 835 glass panels as filling-in components between the façade columns. The development of a 3D-model has played an important role in the engineering, production and installation of the complex facades.

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