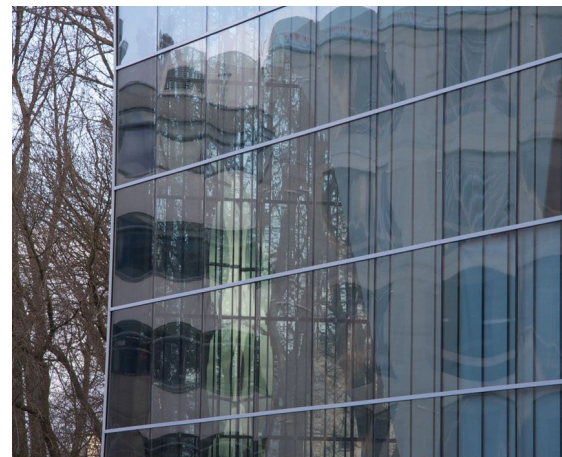


HOGESCHOOL INHOLLAND

Architect
Client
Location
Year

RIETVELD ARCHITECTS
HOGESCHOOL INHOLLAND VASTGOED
NETHERLANDS, DELFT
2009

06175



Innovation was the driving force behind the development of the world's thinnest glass facade at the INHolland School of Applied Sciences in Delft. Among the innovative practices are the combination of prestressed aramid cables, hi-tech composite materials, and a load bearing structure inside the cavity of double glass units. This experimental project could be realized due to the exceptional synergy between design and build partners.

In an experimental process, a system was selected in which pre-stressed cables were developed for taking up horizontal wind forces while deadweight suspension rods would take up the vertical deadweight of the system. The façade is exposed to deflections up to 300mm at windy days. With a height of almost 14 meters, the façade proves itself therefore a spectacular structure and eye catcher of the building.