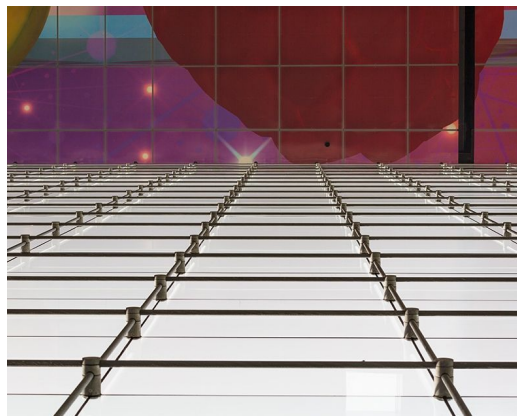
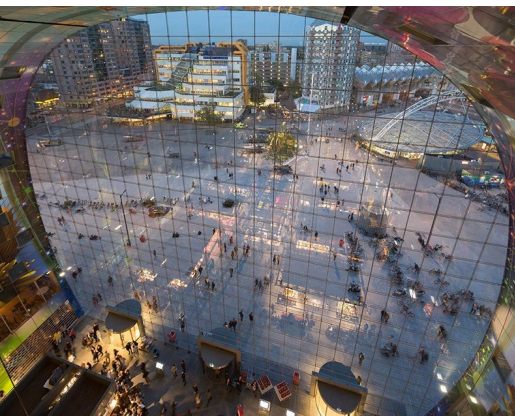


# CABLENET FACADES MARKET HALL ROTTERDAM

Architect  
Client  
Location  
Year

MVRDV  
JP VAN EESTEREN  
NETHERLANDS, ROTTERDAM  
2014

06406



The Market Hall is an architectonic residential project and market hall in Rotterdam, designed by the world-renowned architectural office MVRDV. The concept and typology of the building are readable from the iconic shape. For the Market Hall project in Rotterdam, Octatube realises the two large cablenet facades and the glass balustrades of the apartments in collaboration with Provast, JP van Eesteren, RoyalHaskoningDHV, MVRDV and Inbo. The Market Hall in Rotterdam will feature Europe its largest cablenet facades.

The spectacular design has transparent cable net facades of 42 by 34 meters on both sides. The glass facade is divided in 26 vertical and 22 horizontal cables. Together they form a suspended net, similar to a tennis racket. One of the technical challenges for the structural facades of the Market Hall is to deal with the high pre-stress forces. Laminated single glass units are fixed to these cables. Under extreme wind conditions the facades can move 70 centimeters inwards and outwards.

**octatube**