



EXTENSIVE SOLAR SHADING AT NORDEA'S NEW HQ

A 620 m² glass MicroShade canopy secures a sound indoor climate and LEED certification. Construction process has been much faster by using MicroShade.

MT Højgaard has been the turnkey contractor for Nordea's new headquarters, which was designed by Henning Larsen Architects. The heart of the building is an open atrium covered by an extensive glass roof. The room itself is the bank's trading floor in which dealers have to be able to operate efficiently throughout the day. As a result there are major requirements as to the indoor climate.

The architect has wanted as much natural daylight in the area as possible. This has been achieved using MicroShade which acts as a barrier to unwanted heating but allows light to stream through. The positive effect on the indoor climate is vital in order to achieve an LEED certification (LEED, Leadership in Energy & Environmental Design). COWI consultants and Henning Larsen Architects chose solutions to secure sustainability with a low energy consumption, a beneficial indoor climate, healthy materials and other favourable features.

MicroShade eliminates an entire construction process. Contractors are normally forced to set aside weeks of their project planning to install windows and solar shading, run cables, install motors and controls and phase in and adjust systems. MicroShade saves time in the construction process and maintenance going forward.

MicroShade's benefits go even further. The entire process from design to installation is simpler and saves construction costs. MicroShade opens up entirely new project perspectives.

REFERENCE:

Nordea HQ Copenhagen

DEVELOPER/ARCHITECT:

Nordea Ejendomme
Henning Larsen Architects
Consulting engineers: COWI
Turnkey contractor: MT Højgaard
Gross area: 46,600 m²

SOLAR SHADING:

MicroShade® MS-C. 620 m²
in atrium roof.
g-value for atrium roof:
0,05-0,07

INDOOR CLIMATE:

MicroShade MS-C is designed to avoid direct sunlight through the atrium roof and ensure daylight and a view through the roof with a stable indoor climate.

BENEFITS:

- Saves time-consuming processes in the construction phase
- Saves construction and operational costs
- Optimises indoor climate and natural light
- Contributes towards LEED certification



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