



REFERENCE:

Kopenhagen Fur

CONTRACTOR/ ARCHITECT:

Kopenhagen Fur,
Kullegaard Arkitekter

FAÇADE TYPE:

Steel construction with
6-metre-wide casements in
a specially designed pattern.

SOLAR SHADING:

MicroShade® MS-X Leaves.
3-layer glazing. 297-sqm
façade plus 32-sqm roof.
g-value for the south façade:
Summer 0.09, winter 0.19.

INDOOR CLIMATE:

Complies with building regulation
requirements for indoor climate
and energy consumption.

ADVANTAGES:

- Architectural freedom in the construction
- Less cooling energy consumed
- Maximum use of the room

PROMINENT NEW GLASS BUILDING WITHOUT THE GREENHOUSE EFFECT

Probably the nicest-looking solar shading, says the architect. It's climate friendly too.

Kopenhagen Fur has added a smart, new building to its head office, made entirely from glass and aimed at impressing the company's many visitors. That's why the architect wanted something special.

The architect was able to unite the visual expression and the functional purpose of the building without limits. Glass integrated with MicroShade's micro lamellas, which shade against the sun, allow the building to have an open, south-facing glass façade with effective solar shading. The micro lamellas allow the natural sunlight into the room, providing light but blocking the heat. Consequently, Kopenhagen Fur can use the room all year round without incurring high cooling costs.

MicroShade® is integrated into the glass, making the installation of external solar shading unnecessary, for example horizontal or vertical panels. On the contrary, there is a clear view and the architect's idea with the forest theme is inlaid in the glass with a special leaf pattern in the lamellas. Probably the nicest-looking solar shading, claims the architect.

The glass with integrated solar shading was the obvious choice. MicroShade® makes it possible to construct a south-facing glass building, while also complying with building regulation requirements for indoor climate and energy consumption. The contractor gave a lot of thought to the environmental aspect, resulting in climate-friendly calculations.



MicroShade A/S

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