

Passive design concept

MicroShade® is a micro-structured film installed inside the glazing and provides efficient shading, while at the same time ensuring plenty of daylight and a clear view to the outside. MicroShade® is a passive shading, but with a dynamic effect as the micro-lamellas provides the most efficient shading when the sun is high in the sky and less shading, when the sun is low in the sky. Thus, the shading effect varies over the course of the day, month, and year. MicroShade® creates a shade behind the façade resulting in minimizing thermal discomfort from direct sun in the façade zone. Overall, the use of MicroShade® contributes to the passive design strategy of a building by applying passive solar shading, resulting in energy savings, increased well-being, and increased work productivity.