



MicroShade® Specification document

MicroShade® MS-F 60/14 specification document (2 layer glazing)

Glazing units are to be supplied with a built-in static solar shading foil with a progressively-acting effect which depends on the height of the sun, such as MicroShade® type MS-F 60/14. The solar shading must have a high effect during the summer, corresponding to a g_{60} -value of approx. 0.10 and a lower effect during the winter, corresponding to a g_{15} -value of approx. 0.32. The solar shading must have a shielding effect on the direct solar radiation, especially at high solar angles, corresponding to a solar transmittance ST_{60} of approx. 0.06. The light transmittance must be relatively high, i.e. LT_0 must be near 0.56. The overall color rendering must be neutral with a rendering index of approx. 94.

Mounting direction for MicroShade® MS-F 60/14 must be specified for each surface orientation and inclination.

Glazing build-up

| Element | mm | Product | Laminate |
|------------|----|------------|----------------|
| Pane 1 | 6 | Float | No |
| Film 2 | | MS-F 60/14 | |
| Gap 1 | 16 | Argon 90% | |
| Coating 3 | | Low E | |
| Pane 2 | 6 | Float | No |
| Glass area | 1 | | m ² |

