



MicroShade® Specification document

MicroShade® MS-F 60/14 specification document (3 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. 0.08 and a lower effect during the winter, corresponding to a g_{15} -value of approx. 0.28. 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. 0.05. The light transmittance must be relatively high, i.e. LT_0 must be near 0.51. The overall color rendering must be neutral with a rendering index of approx. 93.

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	14	Argon 90%	
Coating 3		Low E	
Pane 2	6	Float	No
Gap 2	14	Argon 90%	
Coating 5		Low E	
Pane 3	4	Float	No
Glass area	1		m ²

