



MicroShade™

Specification document

MicroShade™ MS-A specification document (3-layer pane)

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-A. The solar shading must have a high effect during the summer, corresponding to a g_{60} -value of approx. 0.05 and a lower effect during the winter, corresponding to a g_{15} -value of approx. 0.29. The solar shading must have a shielding effect on the direct solar radiation, especially at high solar angles, corresponding to a light transmittance ST_{60} of approx. 0.03. The light transmittance must be relatively high, i.e. LT_0 must be near 0.43. The overall color rendering must be neutral with a rendering index excluding the effect of the glass of approx. 99.6. Performance data are for a typical 3-layer pane unit and may vary with the unit configuration.

Mounting direction for MicroShade™ MS-A must be specified for each surface orientation and inclination.