

Spymirror 1%, 12%, 20%, 30% and 40% - Optical thin film coated glass

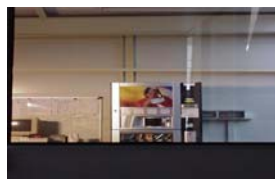
Unlimited design options for Spymirror in interior and exterior applications.

Description:

Spymirror is a single side coated one way mirror which is used as partition between a supervised and an observation area (20% additional to cover an information display or a TV). The reflection of the coated side is higher than for the glass side. Thus the observer can look clearly into a bright illuminated area (at least lighting ratio between the areas 1:5, 20% = 1:10, 30% and 40% = 1:15), while for the observant the partition acts as a mirror.



The observer one does not see the observer



Clear view for the observer

Dimensions:

Monolithic glass 300.5 x 190 cm max.
Laminated glass 300.5 x 190 cm max.

Presented by:

Spymirror meets the following standards:

Abrasion	ISO 9211-4
Adhesion	ISO 9211-4
Humidity	ISO 9022-2
Temperature	ISO 9022-4
Solvent stability	ISO 9211-4



Display is turned off, there is only a mirror to see



Display is on, clear view

Technical Data:

Visible light transmission	1%	12%	20%	30%	40%
Visible reflection (glass side)	43%	34%	24%	17%	13%
Visible reflection (coated side)	52%	46%	35%	28%	24%
UV-Transmission	0,5%	8%	18%	22%	28%

Colour of reflection	neutral	neutral
Colour of transmission	golden	no colour shift

Options:

Monolithic glass thicknesses 3 – 12 mm (1/8" - 1/2")
Available as 1%, 12%, 20%, 30% or 40% Spymirror (more options available, please contact us)

Comparison of visible light transmission (same lighting conditions)



Spymirror 1%



Spymirror 12%



Spymirror 20%