

# Siflex AR | Siflex AR T98

## Antireflective interference optical coated glass



Use as front and protective panels places two fundamental demands on the glass: On the one hand, a high level of transparency is required, e.g. in order to show images or display functions in the best possible manner, while on the other hand, reflections from the surface of the glass must be reduced.

With the special glasses **Siflex AR** (float glass) and **Siflex AR T98** (optically clear float glass) a system of special coatings of titanium oxide and silicon oxide with different refractive indices ensures that these conditions are fulfilled.



Here the incoming wavelengths are superimposed and enable the reduction of reflections and a simultaneous increase in transmission.

**Siflex AR** is available in blue/violet, blue or green coating colours.

**Siflex AR T98** is only available with a green coating colour.

**Siflex AR** and **Siflex AR T98** are available with a full range of treatments, e.g. with processed edges, as single layer or laminated safety glass, with organic and/or ceramic screen printing.

### Technical data

|                                   |   |                             |
|-----------------------------------|---|-----------------------------|
| Version                           | Antireflective interference optical coating                       | coated on one or both sides |
| Glass thicknesses in mm           | 2 - 8 mm  | (monolithic)                |
| Light transmission in %           | VIS range 450-650 nm transmission up to 98%                       | coated on both sides        |
| Degree of optical reflection in % | Residual reflection $R < 1\%$ ( $\pm 1$ )                         | coated on both sides        |
| Visual colour                     | Viewing angle $0^\circ$ – neutral colour on looking through glass |                             |