



Shielding Window films for protection against eavesdropping



OPALFILM® Shielding films are retrofittable window films that block the paths of wireless and openly transmitted electronic data radiating from laptops, mobile telephones, cordless telephones and other equipment, thus seriously impeding the passage of such signals through glass panels from the inside of a building to the outside. At the same time, the film protects individuals, for instance in private residential buildings, by shielding them from dangerous electromagnetic radiation from outside. As a pleasant side-effect, OPALFILM® Shielding films also provide protection against heat, glare and UV radiation.

Neither traditional structures nor modern buildings sufficiently impede RF and IR radiation from leaking through or penetrating inside glass facades and window panels. In such situations, OPALFILM® Shielding films can be used to reduce the risk of industrial espionage by blocking and impeding the penetration and leaking of signals in the 4-10 GHz range through glass panels. The effect has been tested and confirmed by an independent institute.

The films are particularly suitable for companies with their own research and development departments as well as for public administrations. They represent a reliable and cost-effective retrofit solution. These films can also be fitted to new buildings.

The films are available in three different colours or tints: bronze, silver mirrored, and light grey. In addition, all types provide a high level of protection against heat, glare and ultra-violet radiation, which enhances the performance and wellbeing of people inside the building. Just like all OPALFILM® window films, OPALFILM® Shielding films are scratch-insensitive and maintenance-free. Installation of the films produces no appreciable disturbance to ongoing operational procedures.

Benefits of OPALFILM® Shielding films at a glance:

- OPALFILM® Shielding is a window film that is designed to protect glass surfaces from eavesdropping attacks
- They block RF and IR radiation in the 4-10 GHz frequency range
- Retrofit solution for a wide range of glass types
- Also designed for optimum protection against heat, glare and ultraviolet radiation
- OPALFILM® Shielding films are available in a wide variety of tints and colors
- Scratch-insensitive and low-maintenance