



CONDUCTIVE FILM SPYLOCK 35

OPTICAL TRANSPARANT EMI SHIELDING



Spylock 35 supplies windows with an invisible electrically conductive coating. It can easily be retrofitted in existing constructions or be integrated as interlayer in laminated glazing to reduce radiation intensity in living and working spaces.

don't let your data fly out the window
VIANOVIX

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PRODUCT

With more data being transmitted and shared electronically, protection from electronic eavesdropping becomes crucial. This is especially true for government organizations, businesses, architects and building owners looking for ways to design secure buildings.

Vianovix are specialists in architectural shielding against microwave and radiofrequency radiation, providing solutions for existing buildings and new constructions worldwide. The SPYLOCK conductive films have been specifically engineered to reduce the transmission of electromagnetic radiation, also known as EMI Shielding.

Architectural shielding materials are used to reduce the exposure of a building's occupants to electro¹ magnetic radiation emitted by nearby sources of microwave and radiofrequency radiation, to protect sensitive electronic equipment from interference and to prevent data theft/hacking. Sources of electric and magnetic energy are mobile phone towers (4G, 5G, 6G) and many other electronic devices also including wifi.

KEY FEATURES

- **Highest quality shielding product**
- **Optical transparency** ≥ 75 VLT
- **Shielding Effectiveness (SE)** of ≥ 32 dB (frequency range from 100 MHz up to 26 GHz)
- **No edge deletion**, so complete barrier when installed with conductive gaskets or silicone
- **Application:** retrofit or interlayer for laminated glazing

INTENDED USE

Provide RF attenuation against electronic eavesdropping, data theft/hacking and for security and defense purposes.

APPLICATIONS

Standards/compliance:
ASTM D4935
IEEE Std 299
(previously MIL STD 285)

- Complete building envelope
- Private homes
- Government buildings
- Server rooms
- Air traffic control towers
- Military
- Network operation centers
- Ships windows
- Shielded cabinets
- Workspace enclosures
- Industries processing confidential or high security data

