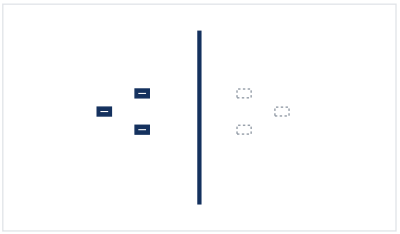
ISO 325 · Adhesive RFID Shielding Film

Self-adhesive multi-alloy film with a light champagne tint, applied to existing glazing.



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Technical characteristics

- Thickness: 40 µm
- Exterior tint: light champagne, uniform appearance
- Application: self-adhesive on existing glazing
- REACH and RoHS compliant

Optical properties (glass + film), EN 410

- Light transmission: 70 %
- Perceived indoor brightness: approximately 85 %
- Exterior light reflection: 7 %
- Glare reduction: 30 %
- UV rejection: 99 %

Energy properties (glass + film), EN 410

- Solar energy rejected: 50 % on single glazing, 45 % on double glazing
- Infrared rejection (760 to 2,500 nm): approximately 70 %
- Reflection: 27 % · absorption: 26 % · transmission: 45 %

Thermal coefficient, EN 673

- Solar factor (g-value): 0.50
- Ug value: 4.90 W/m²K
- Shading coefficient: 0.50

Classifications

- Reaction to fire, France: M1, according to manufacturer data

Glazing compatibility

- Single glazing: clear, tinted, reflective
- Double glazing: clear, tinted, reflective, gas-filled *, interior laminated glass, exterior laminated glass *

* For glazing over 2.5 m² or partially shaded, please contact us.

RF performance

9.4 to 15.5 dB at 863 and 915 MHz.
47 dB at 13.56 MHz in magnetic field.

Detailed measurements, EN 50147-1:1996 method

Plane wave

Frequency	Vertical polarisation	Horizontal polarisation
863 MHz	9.4 dB	12.9 dB
915 MHz	15 dB	15.5 dB

Magnetic field

13.56 MHz	47 dB

Attenuation of ISO 325 measured by the Emitech laboratory, report RCE-EMIESS21-C228-ISO-1 (00).

Transparency entails a lower level of attenuation than opaque solutions, and effectiveness in situ depends on the read configuration.