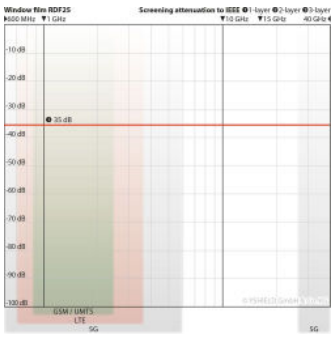
YSHIELD® RDF25 | Window film | Width 152 cm | 1 meter

Window film with 25 % light transmission in coppery. Attenuation 35 dB. Outdoor application even on heat absorbing glass surfaces.



Properties

Precious metal coated and self-adhesive special window film for shielding of high-frequency radiation (HF). Window film with **25 % light transmission** in **brown**. Attenuation **35 dB**. **Outdoor application even on heat absorbing glass surfaces.**

Application

For the application you mandatory need our plastic scraper **FVR10**, the mounting concentrate **FMK30** and the edge sealant **FL4**, see our accessories below. An assembly instruction is included in the delivery. Please note: Do not apply the edge sealant until 8 weeks after installing the window film, so that excess water can evaporate!

Technical data

- **Width: 152 cm**
- **Length: Linear meter / 30 m roll**
- **Attenuation 35 dB at 1 GHz**
- **Light transmission: 25 %**
- Color of daylight: Brown.
- Mounting: Water-activated, pressure-sensitive adhesive to the back.
- Material thickness: 50 µm.
- **Indoor application only on non heat absorbing glass surfaces!** Background: Heat-absorbing glass is already metallized. When solar radiation permeates the metallization and subsequently hits the window foil, multi reflections may occur.The windowpane will needlessly heat up and thus by expansion cause leaks or even cracks in the border-seals. Check the type of glass in advance!
- **Outdoor application even on heat absorbing glass surfaces.** This window film is specially designed for outdoor application. The solar radiation is blocked, this is why the window cant heat up. This film is especially approved for thermal insulation glazing.

Grounding

This product with an electrically isolated surface **cannot be contacted or grounded**.

Shielding attenuation HF & LF

This product **shields high frequency electromagnetic fields (HF)**. Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.

Laboratory & expert report of shielding attenuation up to 40 GHz

We have already invested in our **own professional EMV laboratory** years ago. We not only use it to create our laboratory screening reports but also to check each batch daily. Additionally, we have all our products checked by an **independent, well-respected expert**. Double checked for twice the safety. **Please find the reports above at the downloads**.

Ready for 5G

Some companies offer "special" 5G-products. **This products shields all 5G-frequencies, even without advertising this!** Find two gray bars in all shielding diagrams with the 5G frequency spectrums FR1 (600 MHz – 6GHz) and FR2 (24 GHz – 40 GHz).