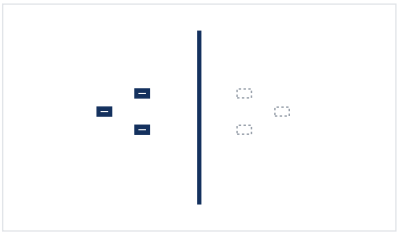
ISO 3 · RF Shielding Wallcovering

Blocks RFID waves on the wall that separates two read zones, without disturbing Wi-Fi, GSM and building automation on the site.



tag read tag not read





Description

Paper / aluminium / PVC / paper laminate, supplied in rolls and installed like a conventional wallcovering. It treats large surfaces: walls, ceilings, floors, partitions and doors.

Applications

RF separation between two read zones: stockroom and sales floor, warehouse areas, adjoining premises · partitions, walls and ceilings.

Recommended adhesives

The adhesive must bond to the substrate and to the wallcovering itself over the overlap area.

Europe: Metylan Ovalit TM · Caparol CapaColl GK · Gewebe Kleber · Eukalin 1977 S

Characteristics

- Rolls of 99 cm × 50 m, i.e. 49.5 m^2
- Carton dimensions: 114 × 18 × 18 cm
- Gross weight: 9.53 kg
- Robust, tear-resistant laminate
- Installed with overlapping strips, no special tooling required
- White, printable in offset and flexography

RF performance

Attenuation of at least 40 dB over the 860-980 MHz range. 95 dB at 13.56 MHz in magnetic field.

Additional attenuation tests carried out by the Emitech laboratory.

Reaction to fire

M1, valid when bonded to any non-insulating M0 substrate, for any application for which the product is not subject to CE marking. Efectis classification report EFR-25-004130 - Revision 1.