

# COALA BASE MAGNETICS AND FERRO FILMS



## GUIDELINES FOR THE CORRECT USE AND MAINTENANCE OF SELF-ADHESIVE MAGNETIC AND FERROUS BASE FILMS

Observing this instruction will extend the life of magnetic and ferrous base film products and guarantee perfect installation.

### THE MATERIAL



Self-adhesive magnetic base films are designed to make non-magnetic walls suitable for the use of easy to change graphics printed on ferro-coated media.

Self-adhesive ferrous base films are designed to make non-metallic walls suitable for the use of easy to change graphics printed on magnetic media.

### STORAGE



Store the roll of unused magnetic and ferrous base films vertically in its original packaging to prevent deformation of the material in a dry, cool and dark place.

Do not stack sheets with the magnetic sides touching each other.

Do not put heavy objects on the sheets or rolls. Keep the material away from strong (electro) magnetic fields.

### ENVIRONMENTAL CONDITIONS



Magnetic and ferrous base films can be used between -20 °Celsius and + 70°Celsius and a relative humidity between 30% and 60%. Use outside this range may affect the magnetic properties and/or the characteristics of the self-adhesive layer permanently.

### HANDLING



**WARNING:** Magnetic and ferrous base films are heavy, use proper lifting equipment or multiple persons to transport and mount the material to avoid injury.

Magnetic and ferrous base films can be cleaned with a mild water and soap solution.

### MOUNTING RECOMMENDATIONS



The surface onto which the product is applied must be stable and in good condition because of the weight of the material. Large areas can be divided into panels to ease mounting.

Mount magnetic material in vertical panels to achieve the best magnetic holding force.

Leave a small space (1-2mm) between the panels to allow expansion of the material.

The mounting surface must be smooth, dry, free of grease, mould and dust.

Larger panels can be secured with staples at critical places such as corners and the top of panels.

The minimum radius possible around edges is 12mm.

The material can be cut with sharp scissors or a knife.

### GENERAL RECOMMENDATIONS



Because of the large variety of mounting surfaces and finishes it is strongly recommended to carry out a test before applying larger panels. Latex wall paints may contain dirt repellent substances which may have a strong effect the adhesive properties.

Ferrous and Magnetic films do not rust, however strong UV radiation and or high temperature and humidity do affect the properties of the material. It is recommended to check the material at regular intervals especially in outdoor and high humidity / temperature environments and replace it if necessary.

The magnetic holding force depends on the thickness of the material, the thicker the magnetic layer, the higher the magnetic force. Creating an "air" gap by applying a layer of paint or self-adhesive on magnetic or ferrous film will decrease this force.

