

Suitable surfaces for ferrous and magnetic films from ASLAN

Which surfaces are suitable?

The following surfaces are recommended:

- smooth and non-absorbent surfaces
- glass
- plexi glass
- acrylic glass
- steel (not powder-coated)
- metal (even varnished and galvanised)
- aluminium
- chipboards and wooden boards with double primer treatment
- melamine resin boards without formaldehyde emission
- bright paints without antibacterial, fungicide- or dirt-repellent additives
- plaster according to quality level Q4

On the following surfaces, the adhesive is not able to develop its adhesive strength. Prior to application, these have to be grinded and treated with a primer:

- paints with antibacterial, fungicide- or dirt-repellent additives
- latex paints
- strongly pigmented, matt paints
- dark, matt paints
- surfaces with low surface tension (< 38 mN/m, low-energy surfaces)
- roughly absorbent surfaces
- plasterboards

The following surfaces should be tested on surface tension:

- particle boards with vinyl or plastic coating
- plywood boards with special plastic coating
- plastic surfaces in general

These surfaces are not recommended for applications:

- melamine resin boards with formaldehyde emission
- water-repellent surfaces
- MDF boards without top coating (due to dusty surface)
- antibacterial plastic coatings

The films are to be applied dry. The substrate must be free of dust, grease and oil and should not be porous.

Ferrous films are developed for indoor applications only. Due to the variety of varnishes and different substrates of indoor walls, it is highly recommended to perform adhesion tests prior to the application, even if the film is equipped with a strong adhesive. To play safe, it is recommended to sand varnished and porous walls and to treat those with a primer.