

FerroSoft Blackboard ASLAN FF 540

Magnetically-receptive ferrous film with blackboard surface for chalk and liquid chalk pens

This self-adhesive ferrous film turns every smooth substrate into a magnetically-receptive blackboard. The FerroSoft Blackboard ASLAN FF 540 can be written on with liquid chalk pens or chalk without leaving shadows or ghostings when removing the writings. This new film offers a ready-made 2-in-1 solution, which lets you create a high-quality, multi-functional communications surface in just a single pass.

It can be cut to any imaginable shape or size and is easy to apply. The film is perfect for frequently changing messages in restaurants, seminar rooms, meeting rooms, schools, nurseries, hospitals, doctor's surgeries and more.

Thanks to the special softness of the film it is possible to store and ship the product in a rolled-up condition.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

Construction

Face film:	Polyethylene based ferrous film with PVC laminate and special coating	
Thickness:	~ 540 µm (~ 21.3 mil)	
Adhesive:	Polyacrylic pressure sensitive adhesive	Square quantity: ~ 55 g/m ²
Release liner:	double sided PE coated paper	Square weight: ~ 140 g/m ²

Characteristics

Adhesive strength (ASTM D903):	Immediately:	~ 14 N/25 mm
	After 72 hours:	~ 18 N/25 mm
Temperature:	Application temperature:	min 15 °C (59 °F)
	Service temperature range:	-30 °C (-22 °F) up to +80 °C (176 °F)

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Processing

Application:

In general the film can be applied dry. The substrate must be free of dust, grease and oil and should not be porous.

If the substrate is smooth, it can be applied wet, but the water must be squeegeed out very well to avoid the formation of bubbles later.

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.

Further application tips for ferrous films are available for download in the user area of the ASLAN website.

Printability:

The material is printable with UV curable inks.

Cleaning:

Writings with chalk and liquid chalk can be wiped off with a wet cloth without leaving any ghosting.

Storage life:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed 'hanging' racks.

To avoid tunneling, we recommend to store rolls tightly wrapped on a 3" core and tape them up.

State 06|2022

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our **latest** knowledge.