

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 70880

Construction

Face film:	Polyethylene based ferrous film with PVC laminate and special coating	
Thickness:	~ 540 µm	
Adhesive:	Polyacrylic pressure sensitive adhesive	Square quantity: ~ 55 g/m ²
Release liner:	Embossed silicone paper, PE coated on both sides	Square weight: ~ 130 g/m ²

Characteristics

Adhesive strength (ASTM D903):	Immediately:	~ 14 N/25 mm
	After 72 hours:	~ 18 N/25 mm
Temperature:	Application temperature:	ab 15 °C
	Service temperature range:	-30 °C bis +80 °C

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Processing

Application:

The film is 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.

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 film can be stored for minimum 2 years from date of production. The film must be stored at room temperature (15-25 °C) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or in for this purpose designed `hanging` racks.

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

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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.