# FOR THE HANDLING OF

## Ferro ASLAN FF 400 & FerroPrint ASLAN FF 450

ASLAN self-adhesive films turn nearly every smooth surface into a surface where magnets could be stuck on.

## Frequently asked questions

### What is the definition of Ferro?

Ferro stands for finely dispersed iron powder (percentage of approx. 89%) that is blended and bonded with a PE film.

### What affects the magnetic force?

It depends on the strength of:

- the used magnets, we recommend to use magnets with a strong magnetic force
- the additionally applied films between magnets and ferrous films
- the quantity respectively the thickness of the papers that have to be fixed on the memoboard

### Could the films oxidize?

These self-adhesive, ferrous films are produced for indoor applications. Used indoors they do not oxidize.

### For which applications do I need the different versions?

**Ferro ASLAN FF 400** ensures that magnets could be stuck onto surfaces where they normally would not stick. In combination with blackboard, whiteboard, coloured or digital printing films individual and writable memoboads could be created where magnets stick on. The possible ways of combining the product are nearly unlimited.

**FerroPrint ASLAN FF 450** has a white, digitally printable surface and is printable with all solvent, eco-solvent and UV curable inks. In combination with transparent whiteboard films individually printed and writable memoboards could be created where magnets stick o

### How should these films be applied?

**Ferro ASLAN FF 400** and **FerroPrint ASLAN FF 450** have to be applied dry only.

Not until then it could be laminated with other films like blackboard and whiteboard films for example. A lamination roll to roll is not possible. For larger applications it could be applied edge to edge or overlapping. Due to the comparable high thickness of the films the edge of an overlapping lamination is visible.

The blackboard and whiteboard films that will be applied afterwards should be applied overlapping. The edge should show down in order to avoid to be a dirt trap during cleaning.

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# Tips on applications for **ASLAN** whiteboard- and ferrous films

## Glossy whiteboard surfaces

- **Whiteboard** ASLAN WB 995
- **Whiteboard Dryapply** ASLAN WBL 995
- **WhiteboardColour** ASLAN WBC 996
- **Clearboard** ASLAN CB 90
- **FerroSoft Whiteboard** ASLAN FF 550

You can use all commercially available whiteboard markers for writing on the films. Letterings can be easily wiped off dryly wihtout leaving any ghosting. We recommend to use a smooth cloth, a sponge or a blackboard wiper. If you used by mistake i.e. a permanent marker you can clean the films with alcohol or white gas for cleaning purposes without leaving any residues.

## Matt whiteboard surfaces

- **WhiteboardMatt** ASLAN WB 975
- **ClearboardMatt** ASLAN CB 75
- **EtchedBoard Dryapply** ASLAN EBL 300

You can use all commercially available whiteboard markers for writing on the films. Some of the markers are characterized by a small content of pigments so that it is easier to wipe them off (i.e. Staedler Lumocolor). The writing can be easily wiped off dryly using a microfibre cloth. Alternatively you can use a cleaner with a high alcohol percentage or spirit.

**Important**
We do not recommend a large-scaled application of whiteboard films with mounting tapes.The writable surface of the film can be damaged by taking off the tape so removability cannot be guaranteed anymore. If it is nevertheless necessary using a mounting tape we recommend a tape with low adhesion. The tape should be taken off from the middle of the material to the edge. . If you used by mistake inappropriate pens i.e. a permanent marker you can clean the films with alcohol or white gas for cleaning purposes without leaving any residues.

## Magnetically-receptive ferrous films

- **Ferro** ASLAN FF 400
- **FerroSoft** ASLAN FF 410
- **FerroPrint** ASLAN FF 450
- **FerroSoft Print** ASLAN FF 480
- **FerroSoft Whiteboard** ASLAN FF 550

**Important**
In order to achieve an ideally adhesive force we recommend you to use strong magnets as i.e. commercial Neodym magnets.

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# Tips on a how to apply the **ASLAN** Whiteboard- and Ferrous films

## Many thanks for choosing our high-quality self-adhesive films

ASLAN's self-adhesive whiteboard, blackboard and ferrous films can be used to turn smooth surfaces into re-writeable, dry-wipeable and even magnetic-receptive surfaces. Thanks to the virtually endless variety of options for combining ASLAN self-adhesive films, you can give your creativity free rein and integrate daily changes in restaurants, seminar rooms, meeting rooms, schools, kindergartens, hospitals, surgeries or in your own home.

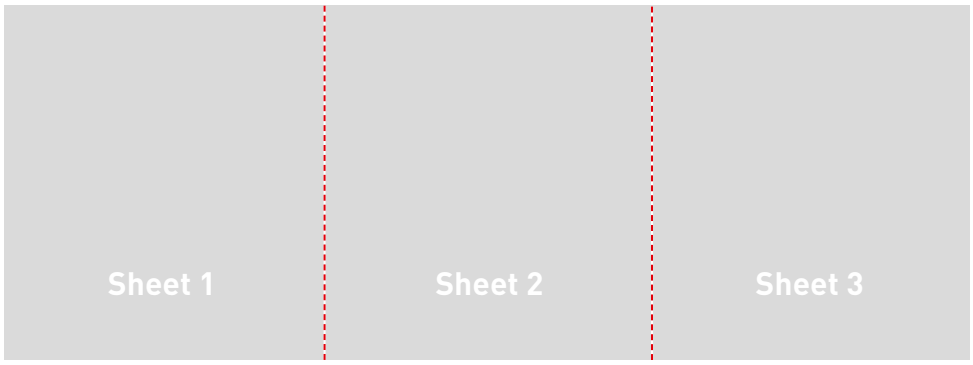
## General instructions on applying our self-adhesive films

Assuming the surface is generally suitable for mounting, you should first clean it thoroughly. Please pay attention to the fact that it must be free from dust, dirt, grease and separating substances. The surface must be dry as well.The length of films can be applied side by side or overlapping, with or without a twin-seam cut.
The length of films should be ideally angled before removing the liner in order to avoid repositioning without liner.
A repositioning without liner can result into a reduced adhesion.
We recommend to apply the ASLAN memo board films horizontally in order to avoid writing on a raw edge, you would have with these vertical appliances.  But in general, you can apply the films both horizontally as well as vertically.

## Variation of application

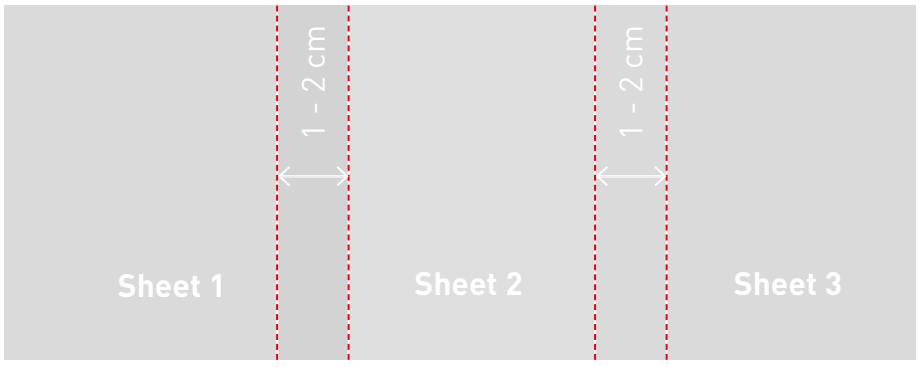
### Side by side application

First you place the first length of film. All following sheets have to be applied side by side flush fitting.This application should be used from experienced people or thick materials (as i.e. FerroSoft Whiteboard ASLAN FF 550).




### Overlapping application

First you place the first sheet/layer of the film. Every other sheet/layer has to be applied with an overlap(approx. 1-2 cm) The overlap remains.

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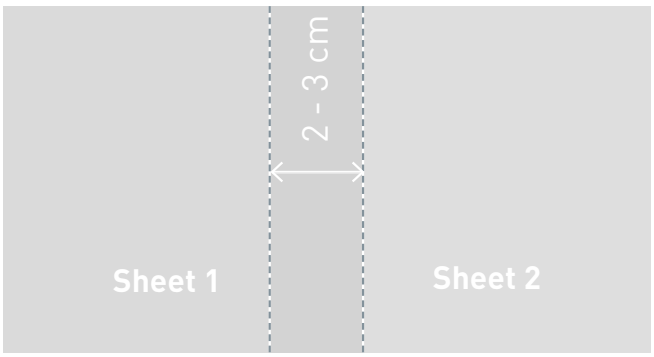
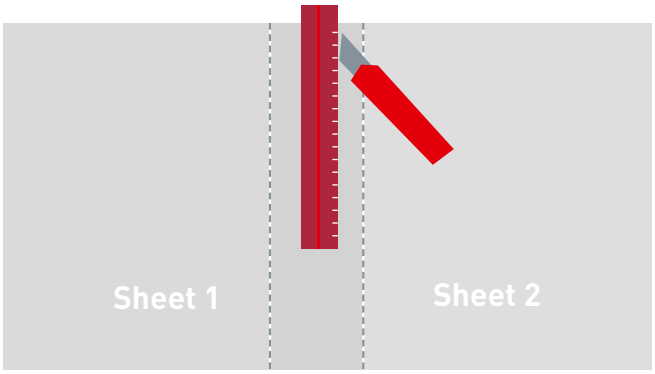
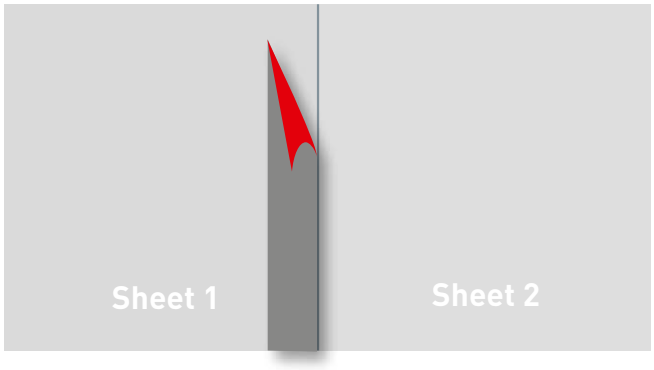
# Overlapping application with twin-seam cut



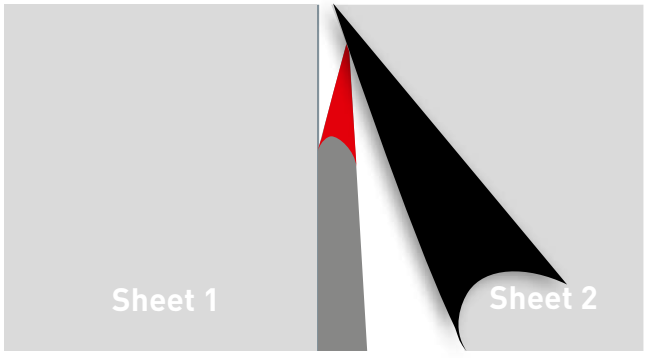

1 Concerning the overlapping application with twin-seam cut apply two sheets of films overlapping (approx. 2-3 cm).




2 Afterwards cut both sheets approximately in the middle of the overlap using cutter and ruler.




3 The next step must be made subsequently in order to avoid high adhesion between the materials.




4 Then raise the film from where the strip has been removed from take-off the subjacent strip.

Repeat steps 1-4 (orders 5) for any additional sheet/layer we recommend to rework the whole application with high pressure.

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