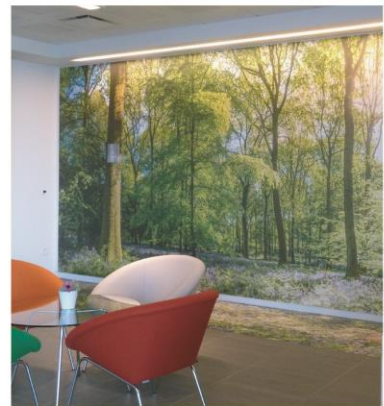
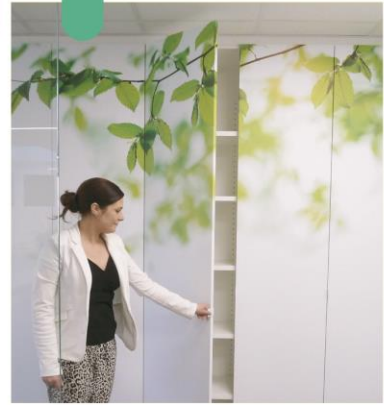


GRAFITYP

makes you stick



Manual

Wall deco films

grafityp.com



What are wall deco films?



Grafityp are offering a range of self adhesive vinyls for wall decoration. This range of print films has been developed especially for this application. With these films, boring indoor and outdoor walls will soon be part of the past.

These films are also suited when vinyl needs to be applied on difficult surfaces, like e.g.:

- Plaster
- Painted walls (latex- and other paints)
- Concrete walls
- Brick walls,

These films allow you to apply commercial messages on these surface types (long term or temporarily).

Preparation before applying the films.

Before you start applying Wall Deco films, you need to make sure :

- that the surface is suited for the application of this self adhesive film.
- what is the surface made of ?
- does the surface meet the requirements for the application of this film ?
- is the environment suited for the execution of the work ?
- do you have all required tools by hand ?

Important !

- The wall has to be dry. 10% humidity at the most. This can be measured with a humidity meter, which you can find in every DIY store.
- Clean the surface thoroughly.
- Don't hesitate to use steel brushes, a high pressure cleaner and a vacuum cleaner to clean the wall. It also has to be completely free of grease.
- All small and/or loose pieces need to be removed.
- Freshly painted walls need to dry for at least 5 days before you can apply a self adhesive vinyl onto them.
- There are various types of wall paint on the market. A sticker will always stick better on glossy, smooth paint than on matt, slightly structured paint.
- Application on latex paint is not recommended. On a smooth (glossy) latex paint you can use a film with a high tack adhesive. But still the result can be different, depending on which brand of paint has been used.
- We strongly advise to apply a test piece **on all painted** walls and leave it there for a couple of days, before you actually start the complete job.
- Films that can get wet from the rain are preferably sealed with a sanitary cristal clear silicone. This will avoid water coming between the film and the wall and it will prevent that the sticker comes off.

Required tools

- a squeegee with felt protection
- a soft roller
- a very sharp knife (cutter)
- a heat gun with adjustable air pressure and temperature

Various wall deco films for various applications.

M113HT

Description

Grafiprint M113HT is a soft, seamless, cadmiumfree, monomeric calendered, white mate PVC film, especially developed for wall decoration. The film is printable on solvent printers (eco/mild/hard), latex printers and UV printers. Grafiprint M113HT comes with a HIGH TACK pressure-sensitive acrylic adhesive, which is protected by a high quality release liner.

Composition

Film: 100 µm thick monomeric calendered white matt PVC film
Adhesive: transparent high tack pressure-sensitive acrylic adhesive – suited for various surfaces
Backing paper: clay-coated paper of 120 g/m²

Application

Grafiprint M113HT PVC film is meant for indoor and short-term outdoor wall decoration directly on plastered or lacquered walls, on plaster boards, etc... However we cannot guarantee adhesion on every kind of surface. We strongly recommend customers to test the appropriateness of the material and to conduct their own tests before application.

NM116HT

Description

Grafiprint NM116HT is a soft, seamless, cadmiumfree, monomeric calendered, white matt PVC film, especially developed for wall decoration. The film is printable on solvent printers (eco/mild/hard), latex printers and UV printers. Grafiprint NM116HT comes with a grey HIGH TACK pressure-sensitive acrylic adhesive, which is protected by a high quality release liner.

Composition

Film : 100 µm thick monomeric calendered white matt PVC film
Adhesive : grey high tack pressure-sensitive acrylic adhesive – suited for various surfaces
Backing paper : clay-coated paper of 120 g/m²

Application

Grafiprint NM116HT PVC film is meant for indoor and short-term outdoor wall decoration directly on plastered or lacquered walls, on plaster boards, etc... However we cannot guarantee adhesion on every kind of surface. We strongly recommend customers to test the appropriateness of the material and to conduct their own tests before application.

M150HT

Description

Grafiprint M150HT is a soft, seamless, cadmiumfree, monomeric calendered, white matt PVC film, especially developed for wall decoration. The film is printable on solvent printers (eco/mild/hard), latex printers and UV printers. Grafiprint M150HT comes with a HIGH TACK pressure-sensitive acrylic adhesive, which is protected by a high quality release liner.

Composition

Film : 150 µm monomeric calendered white matt PVC film
Adhesive : transparent high tack pressure-sensitive acrylic adhesive – suited for various surfaces
Backing paper : clay-coated paper of 120 g/m²

Application

Grafiprint M150HT PVC film is meant for indoor and short term outdoor wall decoration directly on plastered or lacquered walls, on plaster boards, etc... However we cannot guarantee adhesion on every kind of surface. We strongly recommend customers to test the appropriateness of the material and to conduct their own tests before application.

M150R

Description

Grafiprint M150R is a soft, seamless, cadmiumfree, monomeric calendered, white matt PVC film, especially developed for wall decoration. The film is printable on solvent printers (eco/mild/hard), latex printers and UV printers. Grafiprint M150R comes with an EASY-REMOVABLE pressure-sensitive acrylic adhesive, which is protected by a high quality release liner.

Composition

Film: 150 µm thick monomeric calendered white matt PVC film
Adhesive: transparent removable pressure-sensitive acrylic adhesive
Backing paper: clay-coated paper of 120 g/m²

Application

Grafiprint M150R PVC film is meant for indoor wall decoration directly on smooth and dust-free lacquered walls, on plaster boards, etc... However we cannot guarantee adhesion on every kind of surface. We strongly recommend customers to test the appropriateness of the material and to conduct their own tests before application.

P230HT (LINO), P231HT (SMERIGLIO) and P232HT (WOOD)

Description

Grafiprint P230HT, P231HT and P232HT are soft, seamless, cadmiumfree, polymeric calendered, white matt PVC films with a structured surface, especially developed for wall decoration. The films are printable on solvent printers (eco/mild/hard), latex printers and UV printers. These films come with a HIGH TACK pressure-sensitive acrylic adhesive, which is protected by a high quality release liner.

Composition

Film: 215 µm thick polymeric calendered white matt PVC film
Adhesive: transparent high tack pressure-sensitive acrylic adhesive
Backing paper: clay-coated paper of 120 g/m²

Application

These structured print films are meant for indoor and outdoor wall decoration directly on plastered or lacquered walls, on plaster boards, partition walls, etc... However we cannot guarantee adhesion on every kind of surface. We strongly recommend customers to test the appropriateness of the material and to conduct their own tests before application.

Grafiprint P230HT, P231HT and P232HT PVC films are compatible with solvent (eco/mild/hard), latex and UV inks. When printing on the material, special attention should be paid to temperature settings of the heaters. We recommend heater temperatures between 35°C and 45°C. Temperatures can be raised only on condition that the material stays completely flat.

To achieve a good print quality, we recommend printing with high amounts of ink, guaranteeing high colour saturation.

Allow the print to dry sufficiently before further processing (laminating, application), as the product's characteristics may not be the same as long as residual solvents have not evaporated. Required drying times may vary from 24 to 72 hours, depending on environmental conditions and the type and amount of ink.

S838HT

Description

Grafiprint S838HT is a soft, seamless, cadmiumfree, polymeric cast, white glossy PVC film, especially developed for wall decoration. The film is printable on solvent printers (eco/mild/hard), latex printers and UV printers. Grafiprint S838HT comes with a medium grey HIGH TACK pressure-sensitive solvent based acrylic adhesive, which is protected by a high quality release liner.

Composition

Film: 50 µm thick polymeric cast white glossy PVC film
Adhesive: medium grey high tack pressure-sensitive solvent based acrylic adhesive
Backing paper: PE-coated paper of 135 g/m²

Application

Grafiprint S838HT PVC film is meant for indoor and outdoor wall decoration directly onto the most difficult 3D surfaces, like e.g. painted walls, brick walls, stones, concrete, etc... However we cannot guarantee adhesion on every kind of surface. We strongly recommend customers to test the appropriateness of the material and to conduct their own tests before application.

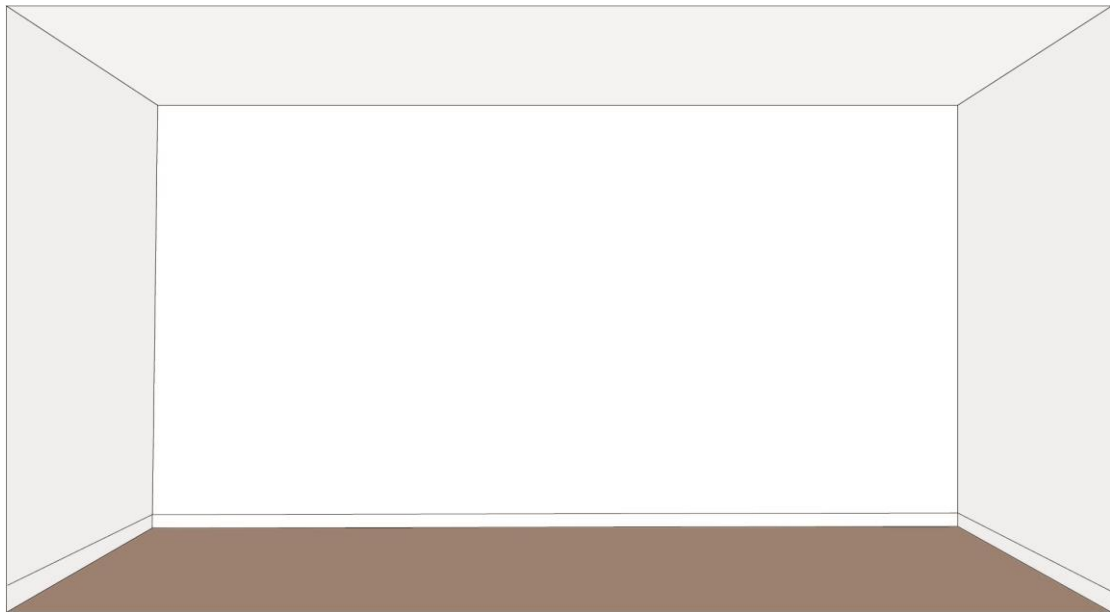
Suited for application at cold temperatures.

Applying Grafiprint Wall Deco films.

1. FLAT WALLS

These films are always applied dry.

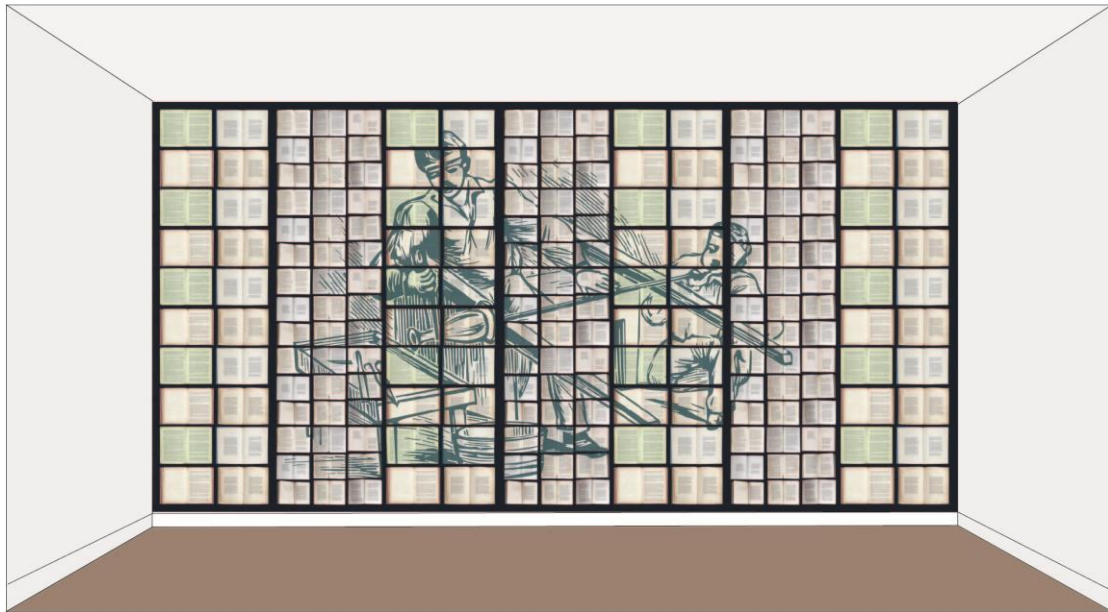
If a complete wall needs to be wrapped, it is always best to make the print a little bit "oversized". Always print an overlap of minimum 1 to 1.5 cm as well. This will become clearer when you look at the following drawings.



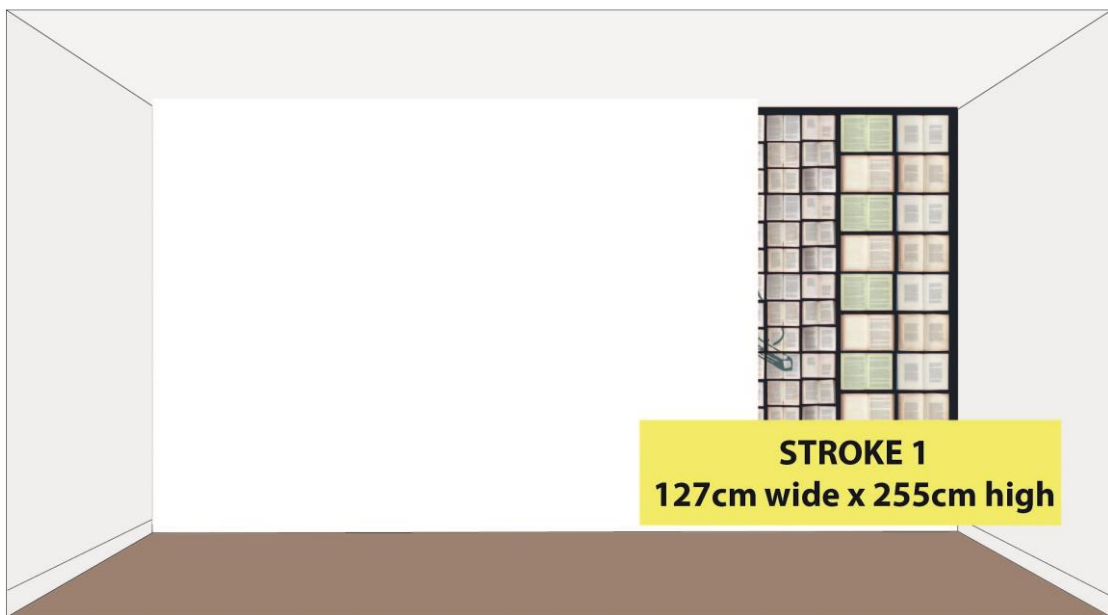


By making the print a little bit larger than the total surface of the wall to be wrapped, you avoid annoying situations like e.g. the wall, the side walls or the ceiling that are not perfectly perpendicular.

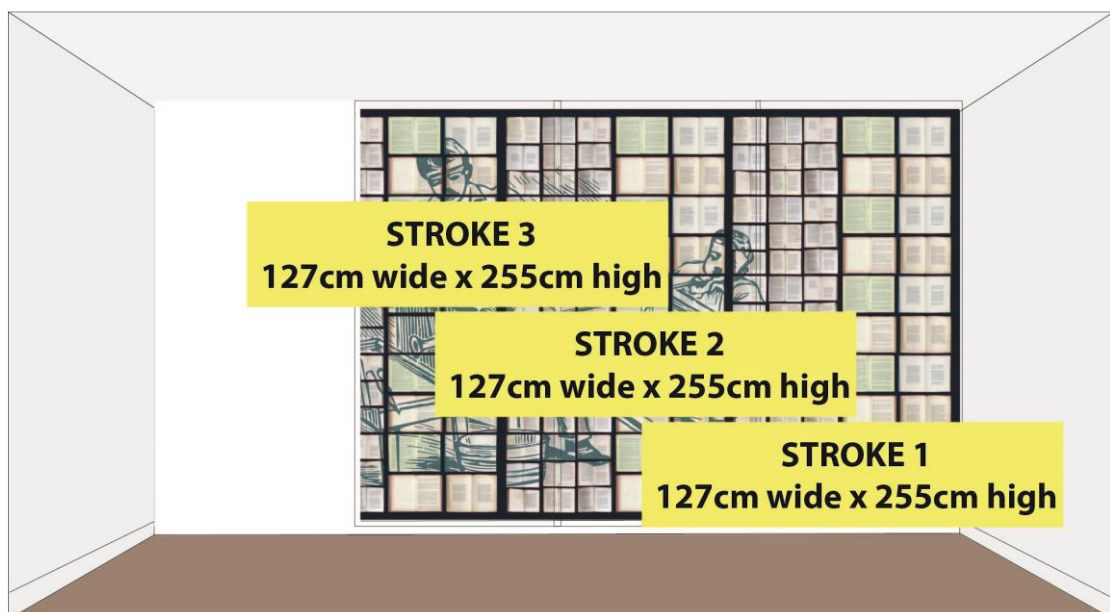
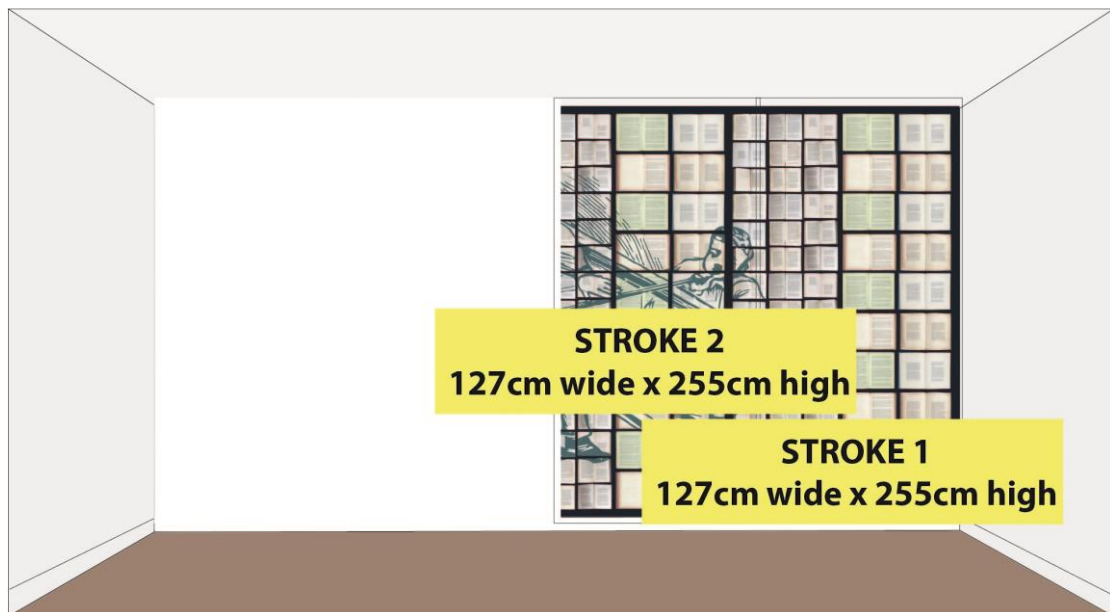


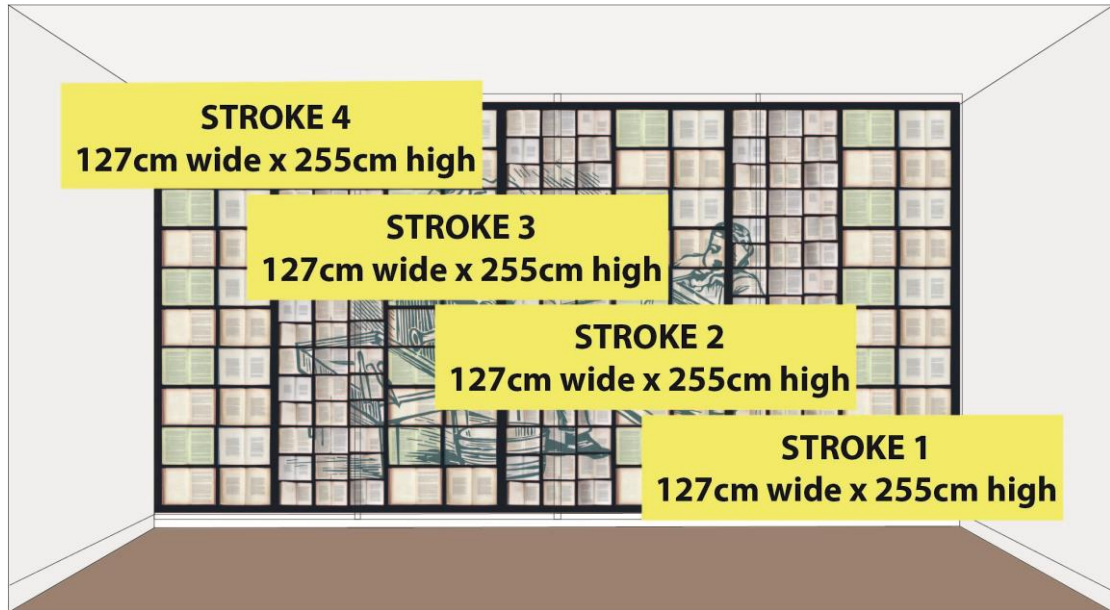


- Temperature fluctuations can cause the vinyl to shrink. That is why you should work with an overlap. This overlap is hardly visible if you apply it "away from the eye". So we advise you to determine in advance which direction this is, before you start positioning the film.



OVERLAP EACH PRINT 1-1.5cm



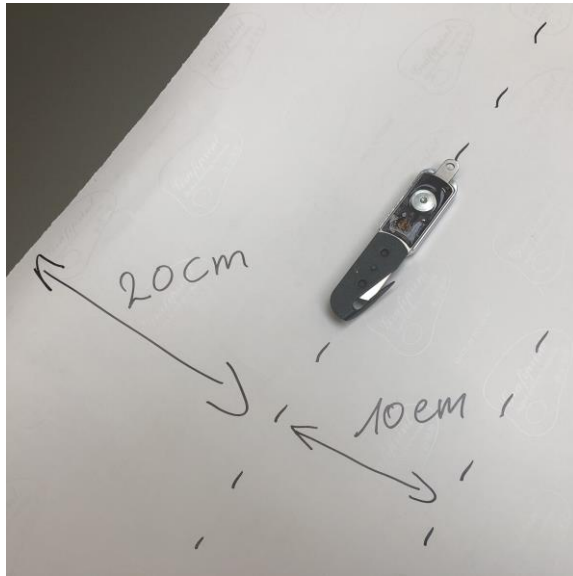


Once the first print has been positioned, it will be applied in the following way :

- Unroll the backing paper from the top for about one meter.
- Fold about 30 cm of the backing paper in an angle of 180° and rub a fold into it, so it won't curl during the application.



- You can also remove a strip of about 10 cm wide of the backing paper by cutting it with a special knife.

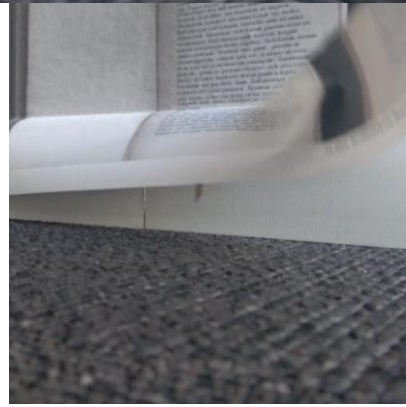
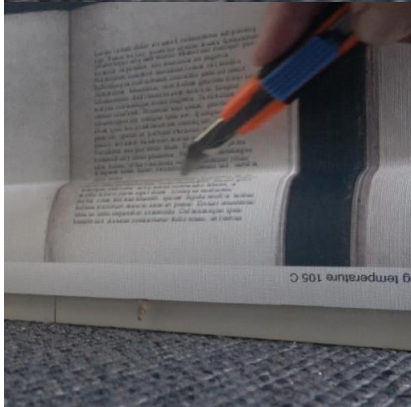


- Make sure the adhesive layer does not touch another piece of adhesive layer of the print. In most cases, this is a high tack adhesive, and if two adhesive layers touch each other, you will immediately know why this is called a high tack adhesive.



- Transport the piece of vinyl carefully to its required place and re-position it as marked earlier.
- Larger pieces are preferably positioned by 2 persons.
- Start rubbing the vinyl horizontally about 20 cm from the top. Don't press too hard yet. Check once again whether the print is positioned exactly as you would have liked.
- Then rub the part you already applied a little bit harder.

- Then rub the top part up to the ceiling. Don't rub the excess of vinyl on the ceiling or on the floor skirting. If they have been painted badly or just recently, you can pull off the paint when removing the excess of vinyl.
- It is very important to rub the vinyl always in horizontal strokes and over the full width of the print. If not, the vinyl may get deformed more and more, and finally you may end up with folds or with a print that is not positioned correctly.
- Always use the full width of your squeegee when rubbing it over the print. If you put too much pressure on one side of the squeegee, you could damage the ink.
- Don't pull off all of the backing paper when you start rubbing the vinyl. Unroll it while rubbing the vinyl. In this way you won't get any folds in the vinyl and processing will be a lot easier.
- In the edges and at the borders, rub the vinyl at an angle of 90° up to the borders. Cut away the excessive vinyl and remove it before you start applying a new strip.



- Once the first strip has been applied, you can position the second piece of vinyl. You can mark the right position by means of a couple of

pieces of paper tape. Put these markings at about 30-35 cm of the top and the bottom over both strips of vinyl.



- Then cut through the tape where strip 1 and strip 2 meet. In this way it will be easier to find the exact position of your second strip again.

On our website www.grafityp.com you will also find an application video, in which we show you how the various parts need to be applied with an overlap. Go to "Download – Videos" and choose "Application Guide 6 – Installation of monomeric and polymeric wall deco films". Or watch the video on youtube (<https://www.youtube.com/watch?v=-bm37bIaMbk>).



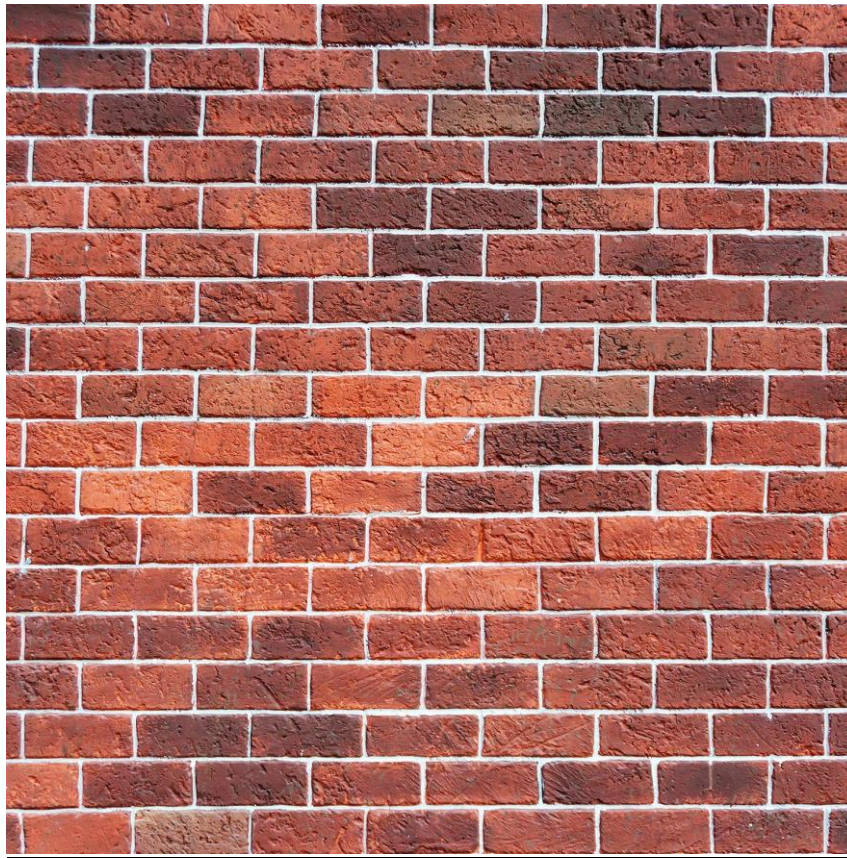
2. SLIGHTLY STRUCTURED WALLS



1. The printed vinyls are applied in exactly the same way as on flat walls.
2. In the end you go over the vinyl with a soft roller. Then you heat it by means of a heat gun or an infrared heater. Then press it once again with the soft roller, so the adhesive will also enter the deeper layers of the underlying structure.



3. **STRUCTURED WALLS**



Here we go a step further in wall decoration.

This wall is extremely structured. All preparation stay exactly the same as for flat and slightly structured walls – only the final finishing asks for a bit more attention.

Grafiprint S838HT cast print film is preferably laminated with LAMx30, LAMx40 or LAMx45.



Watch our application instructions on www.grafityp.com -> download -> videos

Cleaning

- Wait for a period of at least 72 hours before you start cleaning the vinyl.
- After that waiting period, the vinyl can be cleaned with soap water and a sponge.
- Never use a high pressure cleaner
- Try to avoid penetration of water at the edges of the print.

Removal

- Vinyl with High Tack adhesives are not always completely clean removable. In many cases this depends on the surface, the temperature and the age.
- E.g. S838HT is easier to remove from a brick wall when it's cold, rather than when it's hot.

OUR COMPLETE RANGE OF SOLUTIONS

Signmaking vinyls		Wrapping films	
Monomeric Promo-series 100-series	Cast Graficast series Non-PVC GEF series Translucent TL series Etched glass films	Standard Glossy Polymeric Wrap Matt Polymeric Wrap Matt Super Cast Gloss Super Cast	Protective Paint protection film Decorative Leather Pearl Colour wave Metallic Matt Satin Brushed Carbon Stardust Flock
Print media			
Monomeric Polymeric Cast	Special formula Non-PVC Wall deco		
Laminates			
Monomeric Polymeric Cast	Special formula Non-PVC		

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makes you stick



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