USER MANUAL and TIPS

Sandblasting objects with

GRAFITACK SBP

Introductory remarks.

A brief preceding study will save you a lot of time and will guarantee a better end result. Always check the following points :

- What kind of surface do the vinyls need to be applied onto, and is this surface suited for self adhesive vinyls ?
- This extremely thick sandblast stencil is perfectly suited for sandblasting texts and logos in all kinds of materials.
- Check your plotter's knife pressure before cutting the complete job.

Make sure all necessary equipment and materials are ready at hand before starting the job.
Pay attention to your own safety and health. Take into account all safety prescriptions of the suppliers when using electric equipment and products that are necessary to complete the job successfully.

The Preparation.

Cleaning.
- Surfaces need to be cleaned thoroughly before applying vinyls on them.
- Avoid damage when using some corrosive products.
- When everything is completely clean, the complete surface needs to be cleaned once again with isopropanol. Isopropanol removes all detergents that stayed behind on the surface.

Tip 1: Keep your material, with the application film on top of it, flat and on top of each other, making sure it is deformed as little as possible. If you need to enroll the material, make sure the material is enrolled with the application film at the outside.
Tip 2: Preferably use an application film with a high adhesive strength.

The Application.

The vinyls are always applied dry.

- Run a couple of tests first. They can save you a lot of work. Apply a test strip on the surface first and check the adhesive strength.

The tools:
- Squeegee
- Cutting knife
- Sufficient light
- Roll of tape
- Meter, felt-tip, pencil …

The preparation:
- Place the vinyl (with its backing paper) on the surface. Use paper tape or a pencil crayon to do so.
- Always avoid cutting in stone or on glass. This can cause scratches.
- Apply some reference points, so you can easily place the vinyl at its exact position again.

Tip 3: In case you have to apply extremely big signs, it is often easier to cut your design in between lines or characters after you have defined their exact position.

The application of the vinyl:
- Remove the backing paper from the vinyl.
- Position the vinyl without folds against the reference points you applied earlier.
- Rub the vinyl smoothly by means of the squeegee. Make sure that the air between the object and the vinyl can always escape.
- A detailed manual on applying Grafitack films, provided with a mounting film, can be found on our website http://www.grafityp.com.

The finishing.

The exact removal of the mounting film determines the quality of the end result to a large extent.

- Allow the film to adhere to its surface for as long as possible before removing the mounting film.
- Remove the mounting film under an angle of 180°. In this way, the pulling strength on the vinyl will be a lot less, and less air bubbles will be "sucked" under the vinyl.
- Air bubbles don't need to be punctured with this vinyl. Most important is that the edges along which you will sandblast the characters are applied neatly.

Removal of the vinyl.

The Grafitack SBP film has been developed especially to ensure easy removal, without leaving behind any glue residues on the surface. As this is a removable product, it is not necessary to heat the vinyl before removing it. If any glue residues stay behind on the surface, they can be removed with isopropanol.