

APPLYING FILMS ON GLASS

6 basic tips for application

There are countless kinds of film for glass. Thousands of types, yet the methods and principles of applying them on this surface are always the same. Let's discover them together:

- 1** **If you need to put up PERFORATED FILM (One Way Vision), we recommend storing the materials in an air-tight conditions if possible.** This is because 40-50% of the surface area of One Way Vision film is made up of holes where the air can easily get in and oxidise the glue surrounding the perimeter of the holes themselves. **Oxidization is the worst enemy of any adhesive.**
- 2** **PERFORATED FILM is made of vinyl for the most part,** therefore with a VICAT (softening point) close to 60° C, **it is advisable not to print at machine operating temperatures that are too high.** Excessive heat can trigger three side effects: alteration of the glue, (perhaps already weakened by air oxidation), deformation or shrinkage of the support and loss of flatness.
- 3** **We recommend you to not trim the film immediately after printing, especially in those areas where the ink is highly concentrated.** The ink evaporation process always causes the well-known phenomenon of retreating edges. Not observing this simple principle can lead to significant loss of flatness and curling at the edges and top, resulting in a loss of adhesion.
- 4** **Wait at least 24 hours before before calandring or applying a print, especially with solvent-based inks and if it has very solid block print.** In the case of low atmospheric pressure and humidity it may even be necessary to wait 48 hours or more, given the poor ability of liquids (and therefore solvents) to evaporate in those particular conditions.
- 5** **Before applying any film to glass, it is essential to ensure that the surface is clean and degreased, paying particular attention to the sides and corners.** In this case, it is advisable to use specific detergents suggested by renowned adhesive manufacturers. Avoid silicone-based or otherwise non-specific products, as they may interfere with the action of the adhesive.
- 6** **Use water mixed with a few drops of liquid soap (0.2% per litre) for assembly.** The water softens and revives the glue, facilitating application of the product, while the presence of soap increases the viscosity of the water and prevents it from dispersing too quickly. Lastly, carefully expel all the remaining water between the film and the glass to complete assembly.

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