PRODUCT BULLETIN

APPLICATION AND REMOVAL METHOD
Adhesive-coated microperforated film

MICROINSID

REQUIRED EQUIPMENT
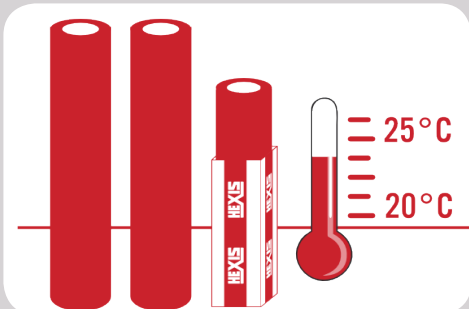
› Window scraper SCRUBFLOOR
› Cleaning liquids: 3-Final Cleaner
› Masking tape Tiro
› Cutter
› Lint-free gloves
› Squeegees upon your choice from the catalogue
› Silicone-coated paper PAPPERDU

FEATURES

The adhesive-coated microperforated MICROINSID film is intended for indoor use on windows and glass doors. It is suitable for standard solvent and eco-solvent inkjet printing on the adhesive-coated white face. This film particularly adapted for promotional events features a good vision to outwards through the black face.

PREPARING YOU APPLICATION SURFACE

This MICROINSID film can be applied to any glass surface as long as the latter is clean, dry, smooth, non-porous and free of any traces of oil, grease, wax, silicone or other polluting agents. To avoid unexpected results, always consider that every substrate is polluted and needs to be cleaned prior to any application. (cf. chapiter 3. CLEANING: page 2).

For further technical information, please refer to the data sheets available on the "Professionals" pages on our website at www.hexis-graphics.com.

SUMMARY

STORE YOUR FILMS UNDER APPROPRIATE CONDITIONS

Keep off the films from any major source of heat (radiators and heaters, direct exposure to sunlight, etc.): the best temperature ranges from 20 °C to 25 °C (from 68 °F to 77 °F).

Store them in an atmosphere with low humidity (with relative humidity between 40 % - 60 %).

Keep your films in their original packaging. Each opened roll must be stored vertically or suspended in order to avoid pressure marks on the contact surface.

Application methods are based upon HEXIS' experience and are non-restrictive. Comply with instructions to ease application of HEXIS films.
HEXIS also offers training sessions for professionals to achieve optimum results.
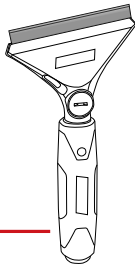
1. RECOMMENDATIONS:

› For application on mineral glass surfaces; any other surface type must be tested.

› Wearing lint-free gloves is mandatory for any film handling.

› Leave the adhesive-coated protection liner (PET) on the film until the application is fully completed.

› Transportation of the printed film: wound on a cardboard core (printed face on the outer side).

› The adhesive-coated face of the MICROINSID film (printed or unprinted) must imperatively be protected with silicone coated PAPPERDU paper after complete drying of the inks.

› When using several film lengths, avoid overlapping for aesthetic reasons. The lengths should be applied next to each other, leaving a gap of not more than 1 mm to 2 mm between the two MICROINSID lengths.

2. FILM PRINTING:

› Printing must be done on the adhesive-coated white face.

› Graphics with vivid colours may require a high level ink saturation during printing.

› Depending on the printer, set the feed rollers on a medium pressure and, to limit film slipping during printing, unroll the film manually (while preventing it from touching the ground).

› Insert the film for approximately 10 mm in the printer before starting the printing.

› Recovery and drying of the film only in flat position right after the printing operation.

› The printed MICROINSID film is touch-dry at the latest 10 minutes following application, but it is recommended to leave a drying time of 24 hours before cutting and applying the film.

3. CLEANING:

3.1. Scrape:

SCRUBFLOOR
Window scraper

Scrape the window surfaces intended for the MICROINSID film with the SCRUBFLOOR to remove any surface contamination (traces of rubber, sticky dust …).

3.2. Clean:

Final Cleaner
Cleaning and degreasing finishing agent

Clean the application surface using the Final Cleaner (product no. 3).

4. FILM APPLICATION:

The MICROINSID film is perfectly suitable for applications on windows and glass doors of buildings.

Make sure that the graphics is dry before film application.

⚠ *The dry application method must be used for the MICROINSID film.*

The minimum application temperature ranges from 10 °C to 50 °C (50 °F to 122 °C), and must be respected for both the ambient temperature and the temperature of the glass substrate. Application to a hot substrate will give better results.

⚠ *The MICROINSID's protection liner (PET) and silicone-coated protection paper (PAPPERDU) must still adhere to the film.*

⚠ *Leave a free margin of 1 mm between the window sealings and the edge of the MICROINSID film. Application over the window sealings can lead to the film's peeling off.*

› Place the MICROINSID film on the application surface, with the silicone-coated paper (PAPPERDU) against the glass.

› Hold the MICROINSID film in place at the sides by applying 2 stripes of the Tiro masking tape positioned at about 10 cm (4 in.) from the top edge. (FIG. 01)

Figure 01

› Remove the silicone-coated paper (PAPPERDU) from the top edge until the Tiro stripes. Cut the paper while avoiding the MICROINSID film. (FIG. 02)

Figure 02

› Apply the film with a squeegee previously covered with felt, by working from the centre to the edges. (FIG. 03)

Figure 03

Figure 04

› Once the graphics is correctly positioned and applied at the top area, remove the masking tape and the silicone-coated paper (PAPPERDU) completely. (FIG. 04)

Figure 05

› Then, proceed with the squeegeeing of the MICROINSID film. Use the squeegee and firmly apply from the centre outwards. Continue until the entire MICROINSID film be applied on the surface.

› Firmly apply on the corners and peripheral areas. (FIG. 05)

Figure 06

› Cut, if necessary, the film surplus with a cutter, while taking care not cutting the window seals. (FIG. 06)

⚠ *Leave a free margin of 1 mm between the window sealings and the edge of the MICROINSID film. Application over the window sealings can lead to the film's peeling off.*

<u>Advice:</u> In order to protect the window sealings and to avoid zigzag cutting, the squeegee must be leant on the outer edge of the sealing and the cutter blade must be leant on the squeegee by forming a 45° angle to the window. Then move the squeegee – cutter assembly.

› For large-area works requiring multiple lengths, please refer to the application procedure of § 4 until complete application of all lengths.

⚠ *Match the perforations and the graphics by leaving a free space of 1 mm between the lengths.*

Figure 07

› Once all film lengths applied, carefully remove the protection liner(s) (PET) from the film by forming a 180° angle. (FIG. 07)

Figure 08

› Squeegee the length(s) by pressing firmly on the edges and corners. (FIG. 08)

Figure 09

› Now the work is completed. (FIG. 09)

5. REMOVAL OF THE MICROINSID FILM:

To remove the MICROINSID film, we recommend the following method:

Starting from a corner, carefully lift the film using a cutter and gently remove it to reduce the risk of transferring adhesive on the substrate.

If any adhesive residues remain, remove them by rubbing the surface with a cloth and soapy water or a standard window cleaner.

www.**hexis-graphics**.com

HEXIS S.A.
Z.I. Horizons Sud - CS 970003
F - 34118 FRONTIGNAN CEDEX
FRANCE
Tel. +33 4 67 18 66 80
Fax +33 4 67 48 38 79
E-mail: assistance@hexis.fr