

## ADWINDOW ADHESIVE PROJECTION FILMS

READ CAREFULLY BEFORE ANY USE OF THE PRODUCTS

### SHIPPING AND RECEPTION

Adwindow's films are delivered in a secure transportation packing. The user is responsible for verifying the condition of the packaging of the products at the delivery time. Adwindow warranty will not cover packing and shipping issues that would not have been notified on the delivery document and at the delivery time. Adwindow is not responsible for problems appearing when storing or re-shipping the product.

### GENERAL RECOMMENDATIONS

-In our website [www.adwindowscreens.com](http://www.adwindowscreens.com), you can find video tutorials for film installation.

**-In any case, we strongly recommend the installation to be done by vinyls or signs application's professionals. If this is your first installation, feel free to contact us for any doubt or question BEFORE installation.**

-For screens bigger than 60", we recommend the presence of at least two people. The installation by only one person may produce fold marks if the product is not properly applied.

-For **STIKI, SHOWI DRYERASE**, adhesive types are high tack permanent "acrylic with solvent". They are self-adhesive and react to pressure. However, you can use a water spray to create an uniform water layer that will allow complete air removal between the backing and the film. For dimensions >50", use of water is recommended.

-Films can be stored in their shipping package, as received at the delivery time. Any other form of storage is under user's responsibility. As a rule, films should be tightly rolled inside a rigid tube, protected from impacts and stored in a dry and cool place. Important or rapid temperature changes may damage Adwindow's products.

- If KITAPON films has been stored in a tube or rolled for more than 2-3 days, it may maintain part of its rolled appearance when unpacking. We recommend to stretch out the product on a horizontal, plane and clean area for 20 to 30 mn before installation. In order to enhance the process, you can delicately heat the product with a low power hairdryer: the KITAPON will get smoother with heat. This process is highly recommend when installation is done under 18°C ambient temperature.

-Adwindow's products are relatively fragiles: they must be handled with care to preserve their qualities.

-Installing films requires attention and precision. Stains or bubbles may occur due to the backing material, an incomplete cleaning or manipulation issues. Following all of our installation rules and recommendations will not eliminate 100% of the risks, but will limit them drastically.

*Adwindow's warranty does not cover problems and damages that would appear as consequences of non-respect of the following general instructions. Please review our Limited Warranty policy for any further detail.*

## INSTALLATION BACKINGS

**Glass** is the best choice for installing Adwindow adhesive projection films. If possible, do prefer glass to other materials.

If you are not using glass, there are plenty of other materials available, that are also rigid and transparent, and that have specific physical and chemical properties. Adwindow recommends the use of accurate materials: this is user's responsibility to know on which kind of backing material the Adwindow film will be installed, and to check the correct adequation of the backing before the installation.

After installing the film, some materials may produce residual gases (outgassing), chemical reactions, bubbles or stains.

We strongly recommend to check the backing material before installation. You can find beside a brief list of recommended materials, for more information please refer to the website [www.adwindowscreens.com](http://www.adwindowscreens.com) or email us at [info@adwindowscreens.com](mailto:info@adwindowscreens.com)

**Adwindow's** warranty does not cover problems and damages that could appear as consequences of installation on a non-recommended backing material.

## RECOMMENDED BACKINGS

– **Strongly recommended: GLASS.**

– Alternative recommended materials: **CAST ACRYLIC METHACRYLATE** (PMMA)

– **PET**

PMMA and PET may present also outgassing. Avoid strong temperature changes after installing the film on the backup, or during transportation. You can prepare the backing by taking out the manufacturer protection liners, and leaving the material in a warm place during 24h / 48h **before installing the film**. Most of gases and moist inside the material should evaporate this way, before sticking the film.

– **Not recommended: PVC**

– **PC (Polycarbonate) - POLYSTYRENE**

The backing substrates are often sold under brands (Plexiglas, Styrol, Altuglas...). Please always check the branded material composition before installation. The choice of the backing is totally of user's responsibility.

## PROTECTION LAYERS ON ADWINDOW FILMS



**KITAPON FILMS ARE DELIVERED READY TO USE, THERE IS NO PROTECTION TO RIP OFF ON THE ADHESIVE SIDE. THE BRIGHT SIDE MUST NOT BE TAKEN OFF, THIS IS THE ADHESIVE PART.** If you rip it off, you will destroy the product. This is not covered by warranty.



**SEETHRU** films have specific installation instructions, see the specific Guide inside the product packaging or visit [www.adwindowscreens.com](http://www.adwindowscreens.com)



Some premium products have a very thin protection liner on the **MATTE SIDE**, that must be taken off after first installation. The bright side is always the adhesive side. **STIKI FILMS HAVE A PROTECTION LINER ON THE ADHESIVE SIDE.** This liner has to be released before installation.

## INSTALLATION MATERIAL

-  Water spray, preferably with distilled water, especially if local water is hard.
-  2 drops of transparent liquid soap in the water (optional).
-  Grease remover detergent
-  Razor blade (for glass and windows only)
-  Rubber squeegee, as for window cleaning, and vynilist squeegee, as for vinylist installation
-  Cleaning paper for the water excess.

### 1. GENERAL RECOMMENDATIONS

- Please check the backing material before installation: depending on the material, reactions may occur (refer to the first page of this guide for more information)
- Make sure that the backing is rigid enough to make pressure on it. Sticking on acrylic sheets should be done with the backing on a plane surface, not yet vertically mounted.
- If you install the product in an area with a lot of dust in suspension (outdoor, construction work, trade show stand...), you need to be even more careful. In this case, you should install the product during periods of low activity so that the environment is cleaner.
- KITAPON films stick better with a temperature  $>15^{\circ}\text{C}$  ( $>59^{\circ}\text{F}$ ). If the room or backup temperature is  $<15^{\circ}\text{C}$  ( $<59^{\circ}\text{F}$ ) when installing, you may use a hairdryer to heat gently the film before sticking.
- If the KITAPON maintains a rolled up form when installing, gently heat it with a hairdryer.
- We recommend the installation process to be done by two or more people.

### 2. CLEAN THE BACKING

- For best result, installation backing (glass or acrylic) must be totally clean.
- Before starting the installation, it is mandatory to perfectly clean the backing with appropriate products (water and soap, detergents) to remove dust, dirt or grease.
- Clean first with water and soap for eliminating general dirt.
- Clean a second time with a grease remover, and eliminate grease with a lint-free cloth.
- Spray water and soap again on the backing and check for imperfections / sediments with your fingertips: be sure to spot any default on the surface and remove it with the razor blade. This step is only for glass. Razor blade may produce scratches on other backings.
- Spray more water and soap, and clean the backing with the rubber squeegee.

### 3. DEFINE THE INSTALLATION AREA

- We strongly recommend to mark out the screen installation area with an adhesive tape that will be peeled off later on. The internal side of the tape will be the limit of the film.

## 4. PREPARE THE ADWINDOW FILM AND THE INSTALLATION AREA

-Spray water on a temporary area on the backing beside the installation area. If you do not have enough space on the same backing, use a clean table or any plane and clean surface close to the installation area.

-Put the film on this temporary area, with the release protective layer / or the Kitapon adhesive side (the bright side of the film) facing towards you

-Allow the film to gently stick to the area, then:

-**STIKI / SHOWI**, carefully separate the protective layer (the bright and crispy one) from the film. In the same time, spray the water and soap the adhesive layer.

-**KITAPON**, spray water and soap on the adhesive layer, clean the layer with the squeegee, and spray again water and soap. **KITAPON** do not have a protective layer as it is a dry adhesive system. The adhesive side is the bright one, **DO NOT RELEASE ANY LAYER OFF THE KITAPON**.

-Spray water and soap on the installation area, and clean it again with the squeegee. It is important to create an homogeneous coating of water to remove air and bubbles. Make sure to spray enough water on the whole area.

## 5. INSTALL THE FILM

-Spray water on your hands to avoid damaging the adhesive, or use gloves. Always work with cleaned hands.

-Remove the film from the temporary area, taking it out by the 4 corners, and place the adhesive side down onto the backing.

-Align the film with the limits of the adhesive tape. First, put the upper side and apply the film to match the mark out of the installation area.

-Spray the back of the film to prevent the squeegee from sticking to the film, and to avoid marks and scratches

-With one person maintaining the film, work **WITH LIGHT PRESSURE** from the center of the film to the left, first to the bottom, then to the top, and laminate out the moisture and air.

-Spray again the back of the film, and **WITH LIGHT PRESSURE** laminate the other half of the film, from the center to the right, first to the bottom then to the top.

-Check the alignment with the mark up and adjust the film if required. At this point, the film can still be moved on the surface, but the bigger the film, the more difficult this adjustment. If necessary, you can still delicately peel off the film and repeat the process.

-If adjustment is ok, leave the film for the next 5 mn, the adhesive will start sticking

-Spray again the back of the film and laminate **WITH FIRM PRESSURE**, first from center to the left, then from center to the right, to eliminate all the moisture.

-Spray again the back of the film and laminate **WITH FIRM PRESSURE** in the other direction, first from center to the bottom, then from center to the top

-Clean out the water surplus on backing with a lint free cloth.

-Some films (Premium films as **UX Black** for example) have a protective layer on the matte side. It must be removed before first use, after installing.

-**STIKI, SHOWI** need a 24/72h for completely dry (depending on room temperature). During this time, avoid any intent of moving the film.

## 6. MULTI-PIECES AND LARGE SCREENS

-Large or multi-pieces screens require 2 to 3 people for installation, depending on the size. To avoid marks and folds, the pieces always have to be maintained on the four corners.

-The installation process is the same, but large films pieces have to be applied to the backup from up to down to avoid pleats. The lamination process have to be made in the same way, from center to side. If large air pockets occur, gently lift the film and remove them. It is strongly recommended to use water and soap in this case, not only water. Installing a screen larger than 80" screen without water is NOT recommended.

-The different pieces have to be sticked **SIDE BY SIDE WITHOUT OVERLAP**.

-We only recommend vertical junctions. We do not sell directly multi-pieces screens with horizontal junctions. If horizontal link-up is mandatory, always install first, the upper piece, and wait for 24h of drying at least before installing the lower piece.

-When installing the second piece, always start adjusting the film from the junction side. When the junction side is adjusted, follow up with the general adjustment of the film.

-If necessary, always prefer a little gap between pieces than an overlap. This gap will disappear when projecting, the overlap won't.

## 7. CLEANING THE FILMS / UNINSTALLING THE KITAPON

-**Adwindow's films** can be cleaned with water, soap and lint free cloth. Avoid corrosive products.

-For **KITAPON**, in case of repetitive uses, adhesive surface can foul up. It can be cleaned with alcohol or window cleaner liquid.

-**KITAPON** can be un-stick, re-stick and re-used indefinitely. Delicately leverage a corner of the film, then leverage until unsticking all the surface.

-**KITAPON** can be stored in a rigid tube or in the same original shipping conditions. It is better to roll it with the bright side inside and not too tight if there is no rigid tube inside.

# LIMITED WARRANTY



## WARRANTY

This warranty applies to physical products (rear and front projection projection films) and only to physical products (the "products"), purchased from the Adwindow screens company, during the warranty period. This limited warranty extends only to the original purchaser from Adwindow. This warranty covers defects in manufacturing and workmanship discovered while using the product as recommended by the manufacturer. The warranty period is one (1) year from the original shipping date of the product from Adwindow installations.

## EXCLUSIONS

This warranty does not cover loss or theft, nor does coverage extend to damage caused by misuse, abuse, unauthorized modification, improper storage conditions, lightning or natural disasters. This warranty does not cover damage caused during the shipping or further transportation. If damage occurs during the shipping, it must be notified on the shipping documents at the time of reception for shipping warranty coverage. This warranty does not cover damage caused by a wrong or incorrect installation of the product. A full installation guide is available with manufacturer recommended installation details. Products must be inspected before installation.

If manufacturing defects appear on the product prior to installation, damage must be declared for warranty before installation and the product must not be considered void if a product with defects is installed before contacting with the manufacturer.

## LIMITS OF LIABILITY

Should the product fail, your sole recourse shall be repair or replacement. We will be not held liable to you or any other party for any damages that result from the failure of this product. Damages excluded include, but are not limited to, the following: lost profits, lost savings, lost data, damage to other equipment, installation costs, incidental or consequential damages arising from the use, or inability to use this product. In no event will Adwindow be liable for more than the amount of the amount of your purchase price, not to exceed the current price list of the product, and excluding tax, shipping and handling charges. Adwindow disclaims any other warranty, express or implied. The warranty and remedies set forth below are exclusive and in lieu of all others, oral or written, expressed or implied. No reseller, agent or employee is authorized to make any modification, extension or addition to this warranty. By installing or using the product, the user accepts all terms described herein.

## HOW TO OBTAIN SERVICE UNDER THIS WARRANTY

We strongly recommend all purchasers to register his Adwindow product online through [www.adwindowcreens.com/productwarranty](http://www.adwindowcreens.com/productwarranty). The same link shall be use to obtain service, an alternative contact method is by email through [info@adwindowcreens.com](mailto:info@adwindowcreens.com). As a basic rule, the purchase number from Adwindow will be used as the warranty number. No warranty service will be accepted without this number, without prior contact through these links and acceptance by Adwindow.

## REQUIREMENTS

Adwindow will pay the shipping charges for return to the owner of replaced. The cost of shipping of the damaged product to the manufacturer, or authorized center, or payment of any customs clearance fees or duties, are the responsibility of the user. Verification of the warranty, if not previously registered online, requires copies of receipts or other proof of purchase. Please retain those records.



[info@adwindowcreens.com](mailto:info@adwindowcreens.com)  
[www.adwindowcreens.com](http://www.adwindowcreens.com)