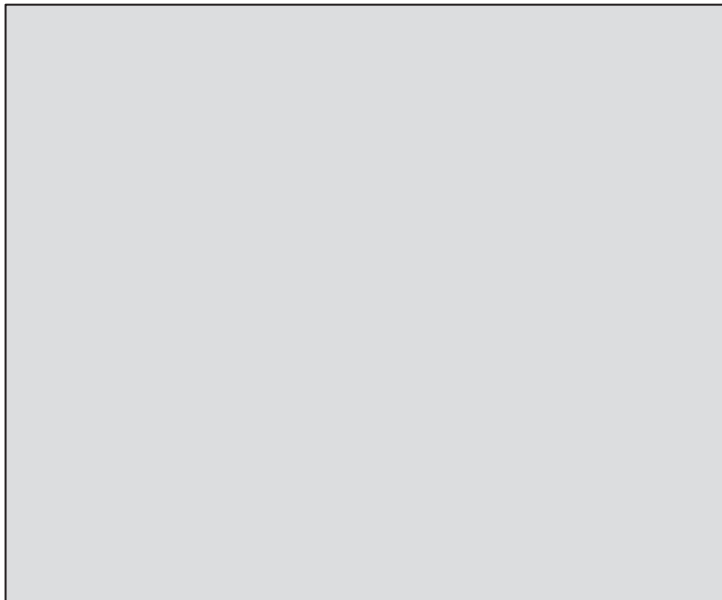


## Operating Instructions

Installation Instructions Included

Screen **Commercial Use**

Model No. **ET-SCT100**



**ENGLISH**

Thank you for purchasing this Panasonic product.

■ Before using this product, be sure to read “Read this first!” (➔ Page 3).

■ To customers

This product is a transparent film screen for projectors that is used affixed to a glass surface. It is used with front projection (reflection type). This product is referred to as “film screen” in this document.

**Be sure to ask installation personnel or the dealer to perform the affixing work.**

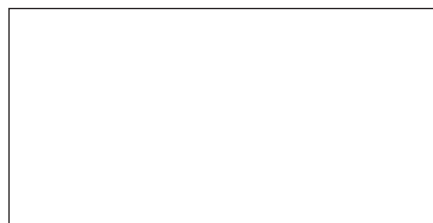
This “Operating Instructions” is intended for use by the customer and installation personnel. Be sure to hand it to the installation personnel for performing the affixing work. After the work is complete, have the installation personnel return this “Operating Instructions” to you, and save it for future use.

■ To installation personnel

**Read this “Operating Instructions” thoroughly and then perform the work correctly and safely.**

Be sure to read through the section entitled “Read this first!” (➔ page 3) before proceeding with the work.

After the work, return this “Operating Instructions” to the customer.



ENGLISH

DPQX1345ZA/X1



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# Read this first!

Always follow these precautions

## **CAUTION:**

**When touching the edges of this product, wear gloves and other protective equipment.**

- Failing to do so may cause injury by cutting a finger or hand with a film screen edge.

# Precautions for Use

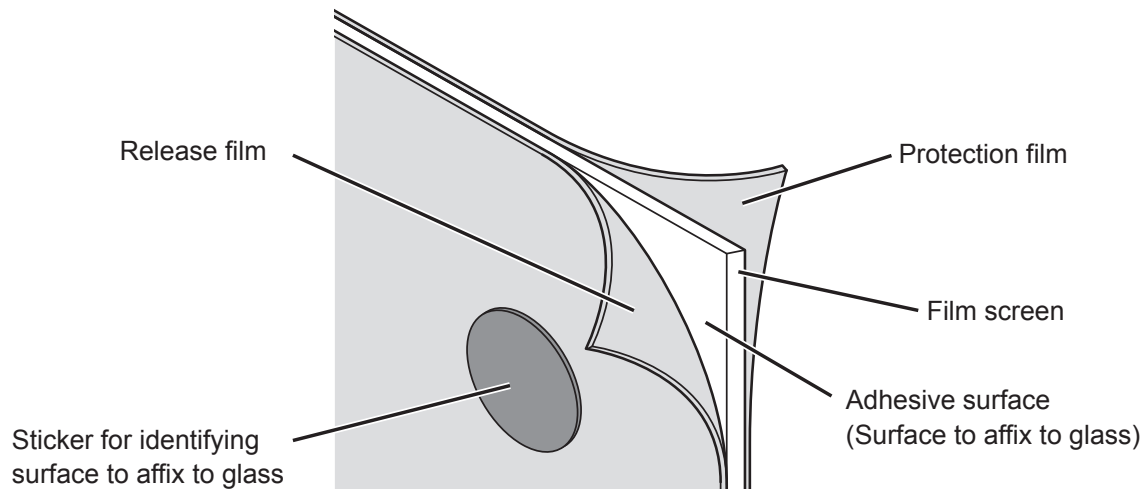
## ■ Before Use

This product is a transparent film screen for projectors that is used affixed to a glass surface. It is used with front projection (reflection type).

Projected images can be viewed over the background of the other side of the glass.

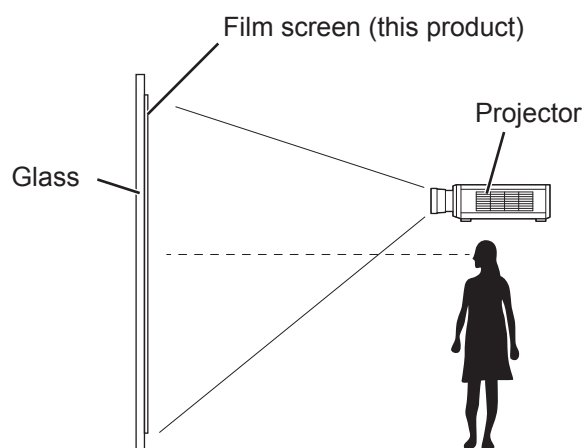
## ■ Product Components

- This product consists of three layers: a film screen that is used affixed to a glass surface, a protection film for its front surface, and a release film for the surface that affixes to the glass.
- A sticker for identifying the surface to be affixed to the glass is stuck to the release film on the surface that affixes to the glass.



## ■ About Installation

- This product is used as a reflection type screen. Project images from the side that the images will be viewed (front projection).
- To ensure images are displayed clearly, we recommend projecting them onto the front surface of the film screen.



- The appearance of images is dependent on the brightness of projector you are using as well as the brightness of the installation location and screen background. For details on selecting the projector to use and other information, consult with your dealer.
- This product is for use affixed to a glass surface. It cannot be used affixed to a plastic surface. Bubbles, swelling, and peeling may occur due to outgassing from the plastic.
- This product cannot be affixed to frosted glass, uneven glass, or other glass that is not flat or to the metal surface of heat reflecting glass. For details on affixing it to the curved glass of a cylindrical shape, consult with your dealer.
- This product is for use indoors.

## Precautions for Use (continued)

- Use this product in an environment with temperatures from -10°C (14°F) to 40°C (104°F), humidity of 80% or less, and no condensation.
- This product does not support affixing multiple of this product or other films with one on top of another.

### Attention

- Be sure to ask a qualified technician to perform the work to affix this product to a glass surface.

### ■ Storage

- Store this product away from direct sunlight in a dark place with temperatures from -10°C (14°F) to 40°C (104°F), humidity of 80% or less, and no condensation.

We recommend using this product by the “Best if used by” date indicated on the product’s packaging, as the adhesives used for the product may deteriorate resulting in decreased bonding strength.

- Store an unpacked film screen in a flat state without any bending.  
If the film screen is rolled or bent, the release film may partially peel off and the adhesive quality may change, causing uneven display and transparency or an installation problem due adhesive deterioration.

### ■ During Use

- Hard coat treatment has been applied to the film screen front surface, but please note that the front surface may still be scratched if it is scraped with a hard object.
- Please note that there is a risk of deterioration if volatile substances such as pesticides, benzene, and thinner come into contact with the product.
- Do not affix adhesive tape to the film screen surface, or write on it with a permanent marker, etc. There is a risk of deterioration.
- Do not perform printing and other after-processing because doing so may cause deterioration in performance and quality.

### ■ Cleaning and Maintenance

- Wiping with a dry cloth is strictly prohibited. Wipe off any dirt on the film screen with a soft cloth that has been dampened in water.  
Strong rubbing may cause damage. If dirt is difficult to remove, use neutral detergent that has been diluted with water.

### ■ Removal

- When removing the film screen affixed to glass, peel it off while taking care not to apply a load on the glass.
- If adhesive remains on the glass, spray water or soapy water on the glass and then remove the adhesive using a scraper or other tool.  
\* Ask a qualified technician to perform the removal work.

### ■ Disposal

- When disposing of the product, ask your local authorities or dealer for correct methods of disposal.

# Installation Procedure (How to Affix)

## Items to Prepare

- Spray bottle
- Soapy water  
(Neutral detergent diluted with water: concentration of 0.1% to 0.2%)
- Squeegee
- Rubber wiper
- Tape measure
- Ruler
- Cutter knife (rotary cutting blade recommended)
- Masking tape (weak adhesion)
- Protection sheet
- Towel
- Gloves and other protective equipment

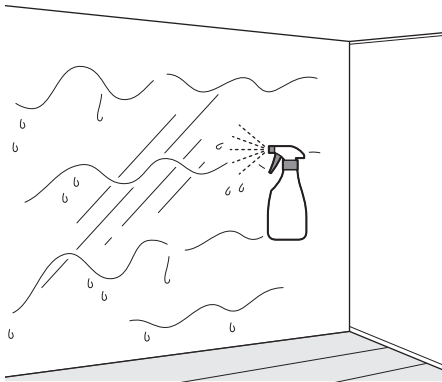
## Precautions for Installation

- Not affixing the product properly may cause problems with appearance or peeling.
- Wear gloves and other protective equipment for the installation work. There is a risk of cutting a finger or hand with a film screen edge or cutter knife.
- There is a risk of the glass cracking due to heat depending on the installation environment and the type of glass to which the film screen will be affixed, so check whether there is a possibility of cracking due to heat before beginning the installation.  
\* Data of the product's physical properties can be provided upon request but there is no guarantee pertaining to whether or not cracking will occur due to heat.
- Take care not to damage the film screen when removing it from its packaging. Also, take care not to create creases or other marks .
- There may be marks from the packing bag on the film screen front surface but they will disappear during a period ranging from several hours to several days after installation. Furthermore, they will have no effect on image display.
- If an excessive force is applied to the film screen when cutting it, the cut portion may bend resulting in the edge being affixed rising up due to not sticking to the glass surface. Perform the work on a stable workbench that does not wobble and has a flat surface.
- Do not cut the film screen while it is affixed to the glass. The film screen is thick so even if you insert a cutter knife into it, cutting completely through the film screen will not be possible while it is affixed to glass. Also, there is a risk of damaging or cracking the glass if too much force is used.
- Slight curving of the edges may occur depending on the storage conditions of the film screen, but you will be able to affix them properly if you follow the correct procedure.
- Squeeze out any water between the glass and film screen properly to ensure that droplets do not remain. If water remains, pockets of water and air will form and cause problems such as the film screen rising up or swelling.
- Make sure the edges of the film screen are firmly adhered to ensure that water is completely removed. Water remaining at the edges of the film screen can cause peeling.
- A little of the moisture used for the work will remain between the glass and film screen for a while after the work completes and cause fogging of the glass, but this will disappear as the moisture evaporates.  
As a result, a certain number of days may be required depending on the installation environment.
- Make sure the film screen is sufficiently affixed to the glass before attempting to peel off the protection film.
- The display characteristics may differ depending on the orientation at which this product is used. When combining multiple film screens, a more uniform display will be possible if they are oriented in the same way (portrait or landscape orientation of the uncut state).  
Furthermore, higher quality image display will be possible if you affix them so that the gaps between them are as small as possible when combining them. However, affixing them pushed up against each other without gaps may cause peeling due to the edges rising up or water remaining. We recommend leaving gaps of at least 0.5 mm (1/32") when combining multiple film screens.

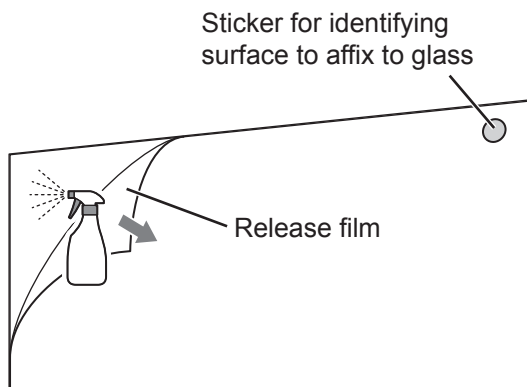
# Installation Procedure (How to Affix) (continued)

## Installation Procedure

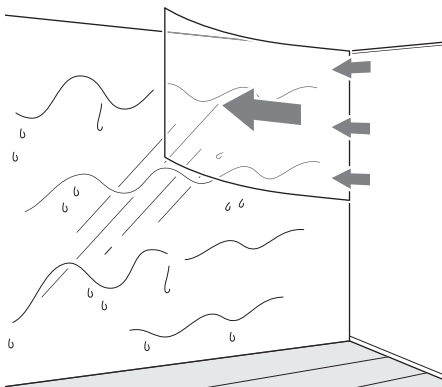
The installation procedure/method is equivalent to that used for ordinary glass film.



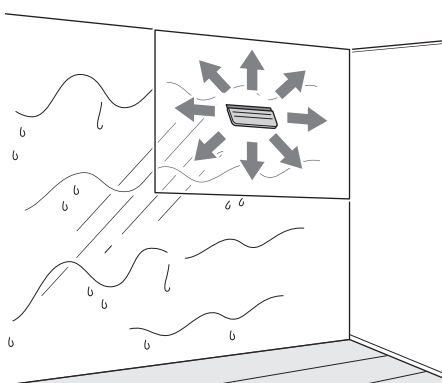
- 1) Use, for example, protection sheets and towels as covers to prevent other than the installation area from getting wet.
- 2) Clean the glass using soapy water, a rubber wiper, and towels.
- 3) Measure the glass size with a tape measure.
- 4) Cut the film screen to the required size using a ruler and cutter knife.
- 5) Spray soapy water on the glass using a spray bottle.



- 6) Spray soapy water on the adhesive surface while peeling off the release film.
  - When the film screen to be affixed is large, the work should be performed by at least two persons.



- 7) Affix the film screen to the glass.
  - Take care that air bubbles do not enter between the film screen and glass at this time.

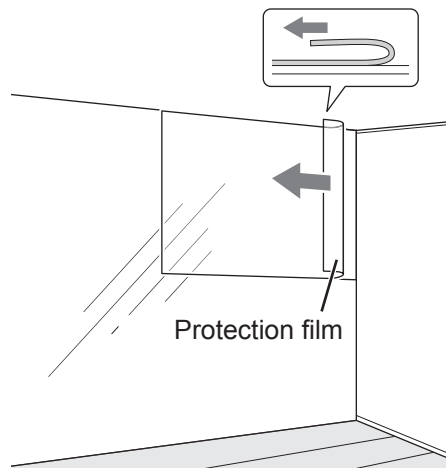


- 8) Use a squeegee to push out the air bubbles and water from the center toward the edges.

## Installation Procedure (How to Affix) (continued)

9) Wipe up the moisture around the edges.

10) Remove the protection film.



## Specifications

<b>Dimensions</b>	<b>Length of longest edge: 1020 mm (40-5/32")</b> <b>Length of shortest edge: 842 mm (33-5/32")</b> <b>Thickness: 0.37 mm (excluding protection film and release film)</b>
<b>Weight</b>	<b>Approx. 400 g (0.88 lbs.)</b> <b>(excluding protection film and release film)</b>

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# Panasonic Corporation

Web Site : <https://panasonic.net/cns/projector/>

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