

INSTA-RP 2 SCREEN SERIES

Section 1: Screen Design

1.1 What is it for?

The Insta-RP 2 Screen is a self-adhesive optical rear projection screen film material suitable for commercial applications such as store windows, resorts, restaurants, and nightclubs.

1.2 How does it work?

The Insta-RP 2 Screen is easily installed via its adhesive backing in virtually any professional environment.

1.3 Sizes Available

100" diagonal in 4:3 aspect ratio

123" diagonal in 16:9 aspect ratio

114" diagonal in 16:10 aspect ratio

60" high by 240"

Section 2: Screen Material

2.1 Characteristics

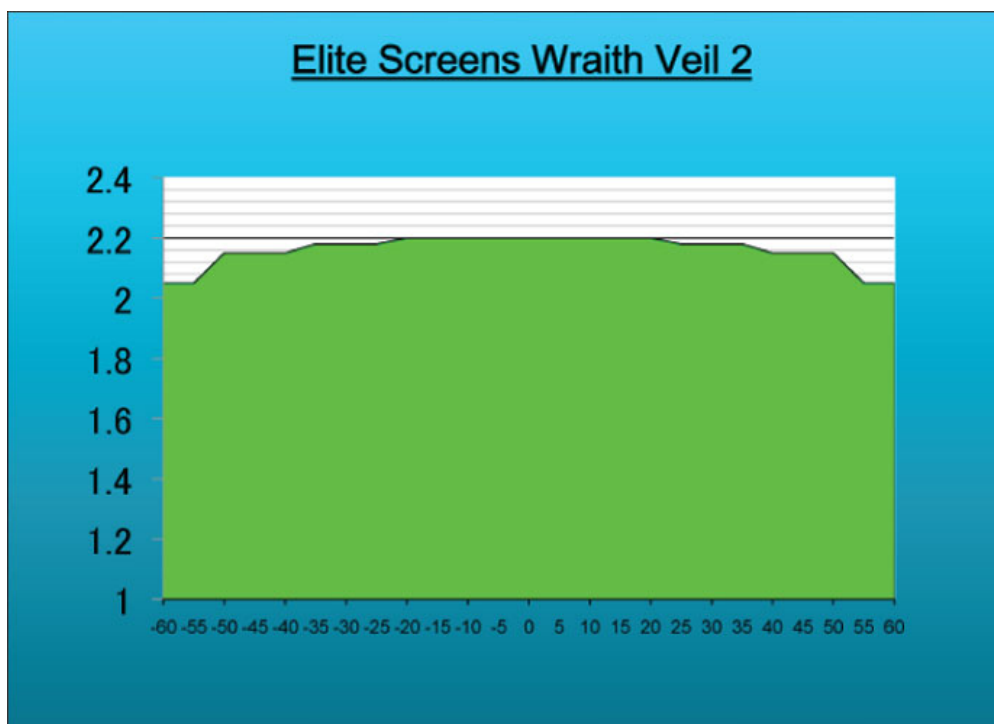
2.1.1 Optical Rear Projection Film Material

Wraith Veil 2 is a self-adhesive optical rear projection screen material film. It is applied to clear glass/plexiglass panels for the purpose of converting them into rear projection screens. Its special 2.2 gain brightness is ideal for ambient light while its design enhances color reproduction and black level contrast.



Features & Benefits

- Gain: 2.2
- Viewing Angle: 180° (90° L/R)
- Textured PET (Polyethylene Terephthalate)
- Material is easy to clean and maintain
- Special custom sizes up available!



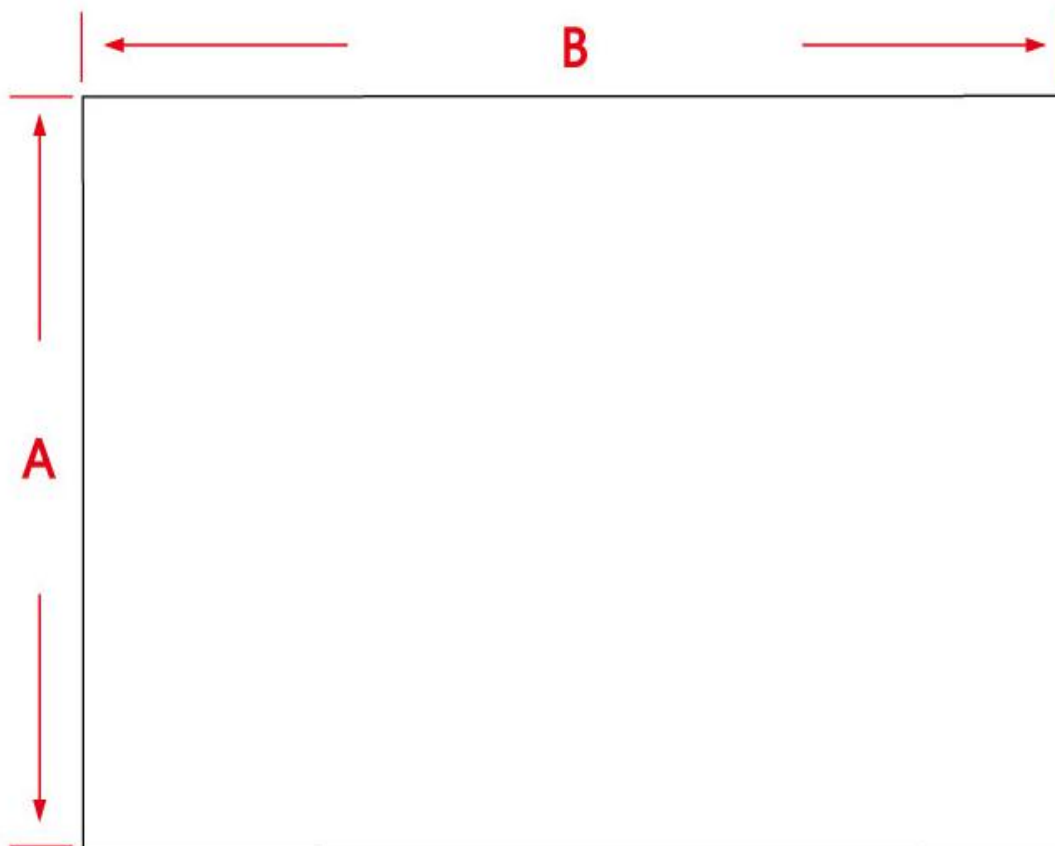
Section 3: Specification

3.1 Dimensions

Unit : mm				
Model	Nominal Diagonal (Aspect Ratio)	View Height (A)	View Width (B)	Thickness (C)
iRP100V2	100"(4:3)	1524	2032	0.10
iRP123H2	123"(16:9)	1524	2718	0.10
iRP114X2	114"(16:10)	1524	2438	0.10
iRP5x20V2	N/A	1524	6096	0.10
Unit : inch				
Model	Nominal Diagonal (Aspect Ratio)	View Height (A)	View Width (B)	Thickness (C)
iRP100V2	100"(4:3)	60	80	0.0039
iRP123H2	123"(16:9)	60	107	0.0039
iRP114X2	114"(16:10)	60	96	0.0039
iRP5x20V2	N/A	60	240	0.0039

The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator’s discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations.

3.2 Drawing



3.3 Pictures





Section 4: Execution

4.1 Submittals

- User's Guide
- Insta-RP 2 Screen Material
- Microfiber Cleaning Cloth
- Plastic Scraper

4.2 Caution

The adhesive surface is meant to be permanent for the life of the product. It does not remove easily. Please attach very carefully to avoid having to remove the product and positioning it in a different location.

4.3 Preparation

1. Select a permanent glass surface location for your Insta-RP2.
2. Use a water filled spray bottle and a rubber edged window washer to clean the desired surface.
3. Clean surface with water and a mild detergent (1:1000 ratio column)
4. Make sure that the glass surface is smooth (unblemished) and perfectly flat.
5. Cut the screen to fit the required size.

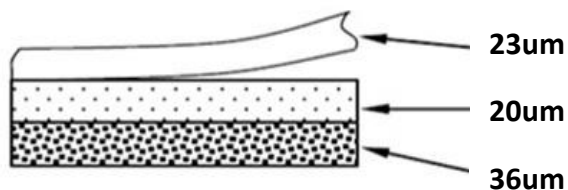
4.4 Installation

1. Partially separate the film from the screen's adhesive backing.
2. Water should be sprayed on glass and material before attaching material to the surface.
3. Carefully smooth out the surface (latex gloves are recommended).
4. Use the plastic scraper to eliminate all air bubbles, and or ripples.
5. Use the microfiber cleaning cloth to clean the surface.
6. Allow material to stand unused for 2 to 3 hours to bond and set.

Section 5: More Specifications

5.1 Product Structure

This product was developed by using a diffusion process on PET and attaching an adhesive with released film. (36um diffusion, 20um adhesive, and 23um released film).



5.2 Caution

1. This sensitive adhesive material is not re-useable. Attempting to remove after installed can damage the screen.
2. Make sure the permanent surface for the material is cleaned before installing.
3. Keep sharp objects away from the material. Punctures, scratches, or tears in the screen may distort the projected image.
4. Attempting to force the material to another part of the glass or acrylic surface may cause creases within the material.
5. If installed properly, any bubbles or ripples in the material will disappear within 2 to 3 days. (Bubbles or ripples will not distort the projected image.)

5.3 Specifications Table

1. The following table lists the product specifications.

Specification Item		Specifications	Remarks
Color display		Matte White	
Thickness		80um±1um	
Width		152.4 cm	
Material		PET	
Light Transmittance		75%	
Temperature Range		-10°C ~ 40°C	
Weathering characteristics	High temperature storage 60 °C X 72 Hours	Pass	No abnormal appearance
	Low temperature storage -20 °C X 72 Hours	Pass	No abnormal appearance
	High temperature and humidity 60 °C X 95% RH X 72 Hours	Pass	No abnormal appearance
	Thermal Shock *	Pass	No abnormal appearance
	Resistance to UV 15W UV X 24 Hours	Pass	No abnormal appearance

Section 6: Markets With Product Availability

6.1 Where

- **America: Elite Screens Inc**
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www.elitescreens.com/fr

6.2 Company Description

Elite Screens Inc. is a California based company that specializes in making quality commercial and home-theater projection screens for the retail and custom install sales channels. Our company began as an innovative venture into the projection market by manufacturing veterans from the AV/IT industry. Elite Screens quickly established itself as an entry level commercial and home theater screen manufacturer. This was accomplished by making a quality product cost effective with a focus on mass-producing screen material, sizes and aspect ratios that were most commonly preferred by AV customers in general. We focused on uniformity with what would match the mainstream demographic while including extra features that are not usually included by other manufacturers. In time, we progressed from just retail sales into the realm of custom installer/integrator manufacture as our numerous reviews and awards will attest. We stand behind our product and are so certain of customer satisfaction with the quality of our product that we offer a 2-year manufacturer's warranty which is twice the industry standard. In our continued devotion to excellence in products and service, we are committed to implementing green practices with our production. We have adopted manufacturing methods that promote conservative regulation of our energy needs. Our simple product designs combined with the expertise of our permanent staff ensures that our entire line of products are made by experienced hands devoted to the high standards of today's audio-video consumer.

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