

## Print Mount Window

### General information

- double-sided-self-adhesive, cadmium free, transparent Polyester film.
- one side coated with a **permanent-**, the other side coated with a **reversible-**, solvent-free, age-resistant and permanently elastic acrylate adhesive, which does not brittle or bleed.
- easy handling also for unpractised users.
- the product life for the main application matches to advertising campaigns up to 3 months.

### Areas of application

- Print Mount Window consists a polyester film with a permanent bonding adhesive on one side and a removable on the other. The product is a visually clear mounting adhesive designed for installing images by hand or location. It is designed for fast, easy bubble free face mounting to smooth, clean and greaseless glass surfaces.
- other applications include promotional graphics for glass cooler doors in grocery stores, back-lit display cabinets in airports and sports arenas as well as a variety of point of purchase (POP-) displays.

### Advantages / Special Features

- Print Mount window is developed for user- friendly bonding on glass-surfaces
- easy to handle
- easy to correct and to remove
- prints generally can be removed from the glass-surface almost residue-free
- more information and an overview about SEAL products you can find at [www.sealgraphics.com](http://www.sealgraphics.com)

### Processing & Handling

- for all installations care must be taken when removing the release liner as not to inadvertently remove any adhesive with it. Images applied with the reversible side will be removed almost residue-free if required.
- windows should be cleaned with soap and water, thoroughly rinsed with clear water and wiped dry. Window cleaning solutions are not recommended. If used be sure the window is completely dry and wiped down with a dry, clean towel.
- the low tack adhesive is designed for excellent repositioning on the initial installation. Graphics may be repositioned several times successfully without any changes to the original structure of the micro grooves in the adhesive.
- once the graphics have been in place for a period of 24 hours the adhesive becomes more aggressive, prior removal and reapplication should therefore be avoided.
- unusual moisture condensation can result in product failure. If graphics are installed in an area that is known to have this condition, it is advised that the edges have to be sealed to prevent moisture penetration. In event of failure the result will be a white milky discolouration in the graphic. This condition will however disappear when all the moisture has dissipated. The graphic will return to its original clarity.
- based on our experiences a short term application (3 to 6 months) on clear cast acrylic sheet\* should not lead to any issues.
- possible adhesive residue may be cleaned optionally with benzine or denatured alcohol.
- the period of use when bonded to the inner side of glass windows with moderate direct sun is between 2 and 3 month. While there are some UV inhibiting characteristics in Print Mount Window, SEAL does not guarantee the colour fastness of the image for this period of time.
- bigger sizes (>1.5m<sup>2</sup>) and / or relatively heavy images may create performance problems and need to be tested first.
- please note that due to the multiple areas of application of this material (combined with various films, sheets of PVC or other application substrates) physically- determined dimensional fluctuation might occur that can possibly be triggered by fluctuations in temperature during processing and/or during actual application. For this reason, all specifications in our technical information are meant as references, and explicitly not intended as a basis for warranty or guarantee. Because it is impossible to test every possible print -application combination, we recommend customers conduct their own tests to see if the material is qualified for the actual end-use

## TECHNICAL INFORMATION

### Print Mount Window

- please refer to the general application tips our homepage [www.sealgraphics](http://www.sealgraphics)

\*for application on clear cast acrylic sheet please refer especially to the part On-the-spot assemble in our processing instructions. The advantages in handling are linked with the low tack adhesive.

#### Durability:

Indoor: excellent optical characteristics up to 5 years

Outdoor: excellent optical characteristics up to 2 years

All tests conducted under controlled climatic conditions; 23/50-2, DIN 50014

#### Note:

These end-use life estimates are based on accelerated ageing studies and outdoor exposure, under conditions experienced in vertical exposure and in "normal" Central European climate. Exposure to severe humidity and ultraviolet light, as e.g. in southern Europe countries, and also in tropical, sub-tropical or desert regions will cause a more rapid deterioration. This also applies to polluted areas, high altitude and southfacing exposure

### Technical Data

#### Carrier

<b>Film type</b>	Polyester-film, transparent		
<b>Thickness [<math>\mu\text{m}</math>]</b>	23 $\pm$ 2	approx.: 1 mil	
<b>Weight [g/m<sup>2</sup>]</b>	32 $\pm$ 2		
<b>Breaking force [N/15mm]</b>	lengthwise: 50 $\pm$ 20	crosswise: 60 $\pm$ 20	DIN EN ISO 527-3, 50 mm/min
<b>Elongation at tear [%]</b>	lengthwise: 85 $\pm$ 15	crosswise: 77 $\pm$ 10	
<b>Tear resistance [N/mm<sup>2</sup>]</b>	lengthwise: 150 $\pm$ 15	crosswise: 170 $\pm$ 15	

## TECHNICAL INFORMATION

### Print Mount Window

#### Adhesive 1<sup>st</sup> side

<b>Adhesive type</b>	polyacrylate dispersion		
<b>pH-value</b>	approx. 7,0		
<b>Adhesive strength [N/25 mm]</b>	10 min: > 6,0	24h: > 10,0	AFERA 4001

#### Masking 1<sup>st</sup> side

<b>Type</b>	on either side siliconised Glassine paper		
<b>Thickness [µm]</b>	75± 5	approx. 3 mil	
<b>Weight [g/m<sup>2</sup>]</b>	93± 5		
<b>Removal force [mN/cm]</b>	15-60	speed 300 mm/min	

#### Adhesive 2<sup>nd</sup> side

<b>Adhesive type</b>	polyacrylate dispersion		
<b>pH-value</b>	approx. 7,0		
<b>Adhesive strength [N/25 mm]</b>	10 min: 0,5±0,25	24h: 0,9±0,6	AFERA 4001

#### Masking 2<sup>nd</sup> side

<b>Type</b>	LDPE- film, embossed		
<b>Thickness [µm]</b>	110± 12	approx. 4.3 mil	
<b>Weight [g/m<sup>2</sup>]</b>	66± 5		
<b>Removal force [mN/cm]</b>	20-110	speed 300 mm/min	

#### Others

<b>Storage conditions</b>	18° - 25°C/ 64 - 77°F; 40 - 65% relative Luftfeuchtigkeit / relative humidity		
<b>Shelf Life [Years]</b>	1		
<b>Indoor conditions for processing</b>	5 - 40°C/ 41- 104°F		
<b>End-use temperature range:</b>	-30°C to +100°C	-22° F to +212° F	affixed to aluminium

All tests were performed in accordance with 23/50-2, DIN 50014.

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