

Squid Opaque Textile

PRODUCT DESCRIPTION

Squid Opaque is a self-adhesive densely woven opaque textile for covering indoor glass windows, doors, and glass partitions. It is available in six different colors.

In addition to being a highly decorative and minimal glass covering, it also offers various degrees of privacy, thermal and visual comfort depending on the colour of choice. Squid is printable with (Eco-) solvent and UV, with a dedicated version also printable with Latex.

Face Material: 300 µm, 210 g/sqm 100% woven polyester in various colours

Adhesive: Permanent, transparent pressure sensitive acrylic adhesive

Liner: 35 g/sqm Polypropylene liner or 30 g/sqm Nonwoven PP for Latex certified grade.

TYPICAL USE

- Interior decoration
- Indoor advertising
- Office partitions
- Solar protection

PROCESSING

Squid Opaque has been developed for use on flat glass surfaces, such as windows, doors and partitions. Digitally cuttable on flatbed cutters (Zund/Esko/Summa), Squid Opaque is damp-proof and can also be applied in warm and humid environments.

Squid Opaque can be printed on using (Eco-) solvent and UV curable inks on various super wide format printers. In addition Squid Chalk (latex) can also be printed on with latex inks. The use of generic textile ICC profiles is recommended and there is no need for additional overlamination. For additional information related to window application, please refer to Mactac Technical Bulletin 4.8.

Before starting a project it is always recommended to do a pilot application to ensure satisfactory product performance before a full roll out of the project. In case of uncertainty please reach out to a Mactac contact for further help or recommendations.

Note: Squid Opaque has low initial tack to ensure its easy repositionability during application. Once positioned correctly it is of utmost importance to apply sufficient pressure (10 kg) with the help of a hard squeegee to ensure the adhesive adheres adequately to the surface.

In case of printing, materials have to be properly dried before further processing. The residual solvents could change the products' specific features.

Prior to installation (or printing), Squid Opaque rolls must rest for at least 1 hour, outside of their original packaging, at a stable temperature of between 15°C and 22°C. Squid must be kept tightly rolled onto its carton core.

In case Squid Opaque was transported or stored at a temperature below 15°C, the acclimatisation duration must be at least 4 hours.

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

FEATURES

- Highly decorative and minimalistic woven textile for elegant window decoration
- PVC-free / No treatment using halogens
- Exclusive design opportunities with excellent printability across all major digital platforms
- Suitable for damp locations
- Antibacterial / antifungal properties
- Oeko-Tex® Standard 100
- Fire Classification rating of B-s1, d0 according to EN 13501-1

Please refer to your Mactac Sales reference for more information about glass compatibility.

STORAGE CONDITIONS

Squid Opaque can be stored in a horizontal position in its original packaging for a period of 2 years in an area with the following characteristics: Temperature from 15-25°C/ 10-55% RH. In order to avoid air bubbles and tunnelling which could cause permanent deformations, Squid Opaque must always be kept tight around its carton core, with its

beginning and end fastened by tape in three evenly distributed places on the roll, i.e. far left, middle and far right. Squid Opaque rolls can be stored vertically and horizontally. In the latter case, the surface must be chosen so that (imprint) damage is avoided.

DURABILITY

Squid Opaque has a service life of minimum 5 years providing that Squid is correctly installed on a vertical glass surface and used without any removal and repositioning after the activation of the glue. Strict compliance with the storage, application and maintenance instructions is necessary to ensure the service life of Squid.

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Face caliper (microns)	300 µm	ISO 534
Face weight (g/sqm)	210 g/sqm	
Temperature ranges		
Minimum application temperature (°C)	+ 10 °C	
Certifications		
Fire classification	B-s1,d0	EN13501-1

EXPECTED DURABILITY

Central Europe Zone 1

Unprocessed	5 years	ISO 4892-2
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DISCLAIMER

For more information on the durability and exposure please visit the "Mactac Technical Bulletin TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films" on the [www.https://www.mactacgraphics.eu](https://www.mactacgraphics.eu) website.

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