



あなたのお店のショーウィンドーが
大型映像スクリーンに変身！



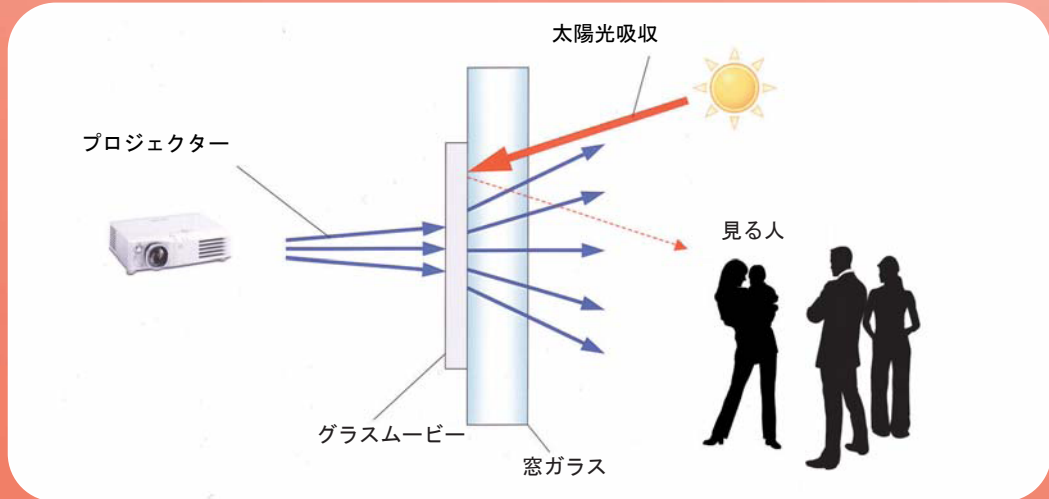
A Bemis Company



GlassMovie™ (*)
Mactac®

(グラスムービー)

リアプロジェクションスクリーンフィルム



どのように機能するか？

MACtac GlassMovieは糊付のリアプロジェクションフィルムです。これを窓の内側に貼り、内側からプロジェクターで鏡像の映像を投影すれば、窓が大型の映像スクリーンに早変わりします。広い視角により、通行人の注意をかなり手前から引くことができます。また、映像は外から見ても、内側からみても同じようにきれいに見えるため、外部に向けた情報と同時に内部に向けた情報を流すことも可能です。

イメージの投影が効果を生む場所ならどこでも

屋外用として

ショップのショーウィンドー、旅行代理店、カーディーラー、化粧品店、おもちゃ屋、不動産業、遊園地など

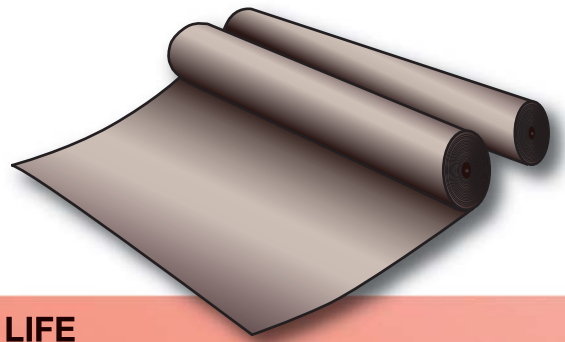
屋内用として

ショッピングモール、展示会、ロビー、博物館、エアポート、鉄道の駅、会議場など。

MACtac GlassMovieのメリット:

- ▶ 高輝度、高精彩で明るく鮮明な画像。
- ▶ 近くで見ても遠くから見ても鮮明な画像。
- ▶ ほとんど170°に近い広い視角。
- ▶ 昼でも夜でもよく見える。
- ▶ 会社のロゴや巨大サイズのスクリーンまでサイズ無制限。
- ▶ カットイングプロッタでどんなデザインにもカット可能。
- ▶ マーキングフィルムやプリントした粘着シートとの組合せも可能。スリガラス風にも。
- ▶ 普通の粘着シートの施工法でOK。水貼り可能。
- ▶ 他に類を見ないコスト・パフォーマンス。

(*Patent Pending)



Technical data sheet

PRODUCT DESCRIPTION

GlassMovie is a rear projection film which can be applied on synthetic or natural window glass.

GlassMovie allows a high contrast and colourful projected image. This image is visible with an excellent resolution and at a wide viewing angle (up to 100°).

GlassMovie provides an optimal visual impact under all brightness levels in the day or at night.

CONSTRUCTION

Face Material : 135 µm polymeric translucent vinyl, cadmium-free.

Adhesive : High quality acrylic solvent based adhesive, very cohesive and extremely durable.

Liner : 135 gsm white kraft paper with MACTac blue backprinting.

TYPICAL USES

Indoor and outdoor visual communication on windows. GlassMovie can be plotter cut to any size or shape, creating unexpected digital displays, or can also be used as an extra large digital display. GlassMovie could be used for rear projection of video images on :

- Shop windows, show rooms,
- Exhibitions, point of sale, shopping malls,
- Lobbies, meeting rooms, restaurants,
- Museums, airports, railway stations, ...

DURABILITY

5 years.

This useable life estimate is based upon accelerated ageing studies and outdoor exposure, under conditions experienced in vertical exposure and in "normal" temperate climates.

Note : Exposure to severe temperatures and ultraviolet light, as well as conditions in Southern European countries, and also in tropical, sub-tropical or desert regions, will cause a more rapid deterioration. This also applies to polluted areas, high altitude, horizontal and/or south-facing exposure.

SHELF LIFE

2 years when stored at 15 to 25 °C and ± 50 % relative humidity.

PHYSICAL PROPERTIES (Average values)

Thickness (mm) (Film + adhesive) ASTM D-645
0.160

Face Material Data, 23 °C DIN 53455-5

Tensile strength : > 50 N/15mm

Elongation at break : ≥200 %

Adhesive Data, 23 °C FTM 1

Peel adhesion 180° on glass (N/25mm)

- after 20 min : 20

- after 24 h : 24

Dimensional Stability FTM 14

Shrinkage (48 hours at 70 °C) : < 0.1%

(25 cm x 25 cm, sample mounted on aluminium).

Temperature Ranges :

Application : +10 °C to + 40 °C

End-use : - 40 °C to + 90 °C

Flammability ISO 3795

Sample mounted on aluminium : self-extinguishing.

Solvent and Chemical Resistance

Resistant to most oils and grease, fuel, aliphatic solvents, weak acids, salts and alkalis.

PROCESSING

GlassMovie can be plotter cut easily to any size or shape with most plotters. Installation should be done by the 'wet method' (see MACTac application guide for more details) on a clean and degreased window. Images projected onto tinted or metallized windows will be less visible.

VIDEO PROJECTION

The quality of the projected image will also depend on the power of the projector used. For a rear projection indoors, we recommend to use a projector with a power of minimum 2.000 lumen per sqm of GlassMovie. For a rear projection on an external window, a minimum of 6.000 lumen per sqm of Glass-Movie is recommended, and in direct sunlight, an intensity of min 8.000 lumen per sqm is required.

IMPORTANT REMARKS

All surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination.

Published information concerning MACTac products are based upon research which the Company believes to be reliable but such information does not constitute a warranty.

Because of the variety of possible uses for MACTac products and the continuing development of new uses, the purchaser should carefully consider the fitness and performance of the product for each intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product or for incidental or consequential damages. All specifications subject to change without prior notice.

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