

SCREENVIEW[®] FOR HEALTH CARE ENVIRONMENTS



Uni-Blinds[®]

Innovation comes built-in

PRIVACY & VISION IN AN INSTANT



Specifically designed for healthcare buildings and other care environments, the Uni-Blinds® ScreenView® integral blind system provides the perfect solution for balancing patient confidentiality and privacy with observation and monitoring. Being permanently encapsulated within the double glazed units in windows, doors and partitions, this unique blind system is safe, easy to use, hygienic and maintenance-free, whilst enabling privacy in an instant.

Magnetically-controlled horizontal-slatted shading system

ScreenView® is a unique type of integral blind, featuring 35mm slats that open and close in a ladder arrangement to allow light transmission and vision as required. Opening and closing is controlled by a knob attached to the glass, next to the blind's rail, whose rotation activates the corresponding internal magnet, which avoids any drilling on the glass and ensures the interaction with the corresponding internal magnet, thus ensuring the hermetic seal of the unit. The knob is treated with the Santized® antimicrobial finish to provide active biocidal protection.



WHY CHOOSE SCREENVIEW®?

Clear vision when you need it through 35mm openings

- Perfect for vision panels where a mix of patient monitoring and privacy is required.
- Suitable for 16mm insulating glass units or between two glass panes, including security glazing.
- No cleaning or maintenance required, other than routine cleaning of the control knob.
- Reliable long-term performance guaranteed with ScreenLine® systems inside.
- Easy to install and always manufactured to order in the UK.

Bespoke sizes and fire rated solutions available

As the exclusive UK manufacturer of ScreenView®, Morley Glass can provide bespoke sizes for all types of applications, including where a fire rating is required. We partner with Pyroguard to provide fire rated integral blinds for commercial and public buildings. ScreenView® can also be specified to deliver fire resistance of between 30 and 120 minutes.



HOW SCREENVIEW® WORKS

Horizontal slats move vertically to open and close

The Uni-Blinds® ScreenView® integral blind system is innovatively designed to provide a privacy solution that combines functionality with aesthetics.

A knob positioned at the centre of the bottom rail allows the slats to quickly slide from open position (opposing slats) to closed position (overlapping slats).

To ensure the slats are properly aligned in the open blind position, the internal magnetic device in ScreenView® has a mechanical end stop to prevent further sliding when slats overlap.

- A specially developed flat handling ladder tape is constrained to the shaft of the rail equipped with the magnetic control device allowing the opening/closing of slats.
- Internal control device magnet rotates an internal shaft which moves the slats to open and close the view.
- This movement allows light to pass through between the slats when they are at the same height, whilst preventing it when the slats are offset.
- Aluminium side guides prevent reflected light transmission and conceal the lateral flat ladder tape, making slats the only visible element.



Open Position



Closed Position

Perfect for healthcare and sensitive environments

ScreenView® is suitable for a wide range of applications, but particularly those where a mix of confidentiality, privacy and visibility is required at different times. This makes the integral blind system ideal for use within hospitals, treatment centres, GP surgeries, care homes, custodial environments and educational buildings.

Versatile privacy solution suitable for:

- Windows, doors and screens • Curtain walling • Office partitions • Security doors
- Vision panels and many other products that accept glass.

Protected with
SANITIZED®
Active biocidal
substance: silver ions.



TECHNICAL INFORMATION

Colours

The Uni-Blinds® ScreenView® integral blind is designed for neutral décor, available with white or silver slats.



S102 WHITE
Solar reflection 68%
Light reflection 74%
Solar absorption 32%
Standard colour



S157 SILVER
Solar reflection 64%
Light reflection 64%
Solar absorption 36%

The above values are subject to standard production tolerances (+/-3%)

Vertical movement at any inclination using a control device mounted as standard at the bottom of the blind or optionally at the top.

Side guides

Extruded aluminium assembled to the spacer bars. Powder coated to colour co-ordinate the slats. U-shaped guide conceals the two lateral ladder tapes, preventing light transmission and improving the aesthetic and privacy effect of ScreenView®.

Head rail

Extruded aluminium featuring a thermoplastic polymer front panel, designed to achieve thermal break. Powder coated extruded aluminium part and polymer part colour co-ordinated with the slats.

Spacer bars

Stainless steel and polypropylene co-extruded 16mm warm edge spacer bar on all sides of the blind. These allow the thermal performance of the insulating glass incorporating the ScreenLine blind system to be optimised.

Slats

35mm wide aluminium slats, suitably machined at the ends to hold and lock the lateral flat ladder tapes. Available in white and silver colours.

Feasibility chart*

Width (mm) min. 200mm – max. 500*

Height (mm) min. 300mm – max. 1500*

Internal glass maximum thickness 44.1 (8.38)

Minimum overall thickness 24mm (including frame and glass)**

* Insulating glass unit dimensions. Available for rectangular shapes only.

** Fire rated ScreenView® integral blind units will have a higher thickness – contact Morley Glass for details.



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Produced by Claremon | claremon.co.uk