

PRODUCT DATASHEET

Duralux Secure Vision Panel

Duralux is the original high-strength vision panel designed specifically for behavioral health environments. Ligature-resistant by design, it features two panels of impact-resistant glazing securely sealed between two 14GA Stainless Steel Fascias, providing a highly durable and robust observation solution with frosted privacy stripes. Unique to Kingsway Group, the operating mechanism is housed within the steel fascia to ensure optimum strength.



Picture Panel & Wrapped Fascia

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Key Features:

- Ligature-resistant
- Double sided impact-resistant glazing
- 14GA stainless steel fascia
- No visible screws on the Secure (Patient) side
- Frosted privacy stripes
- UL Certified
- Proven in challenging environments
- Safe observation solution
- Preserves patient privacy

Glass Specification:

- Secure (Patient) Side: Trident 3/4" tempered glass
- Corridor (Staff) Side: Trident 3/8" tempered glass
- Center (Blind) Panel: 1/8" polycarbonate

Metal Fascia Specification:

- Secure (Patient) Side: Ligature-resistant pressed stainless steel fascia bolted from Corridor (Staff) Side, no visible screws / mounting hardware
- Corridor (Staff) Side: Ligature-resistant pressed stainless steel fascia through-bolted to Secure (Patient) Side with security screws

Certifications:

- UL rated to UL1784

Warranty

1 Year Manufacturer's Defect Warranty*

*For faulty manufacture and not for damage

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Variations

The Duralux vision panel is available in the following standard factory sizes:

| | | |
|--------------|------------------------|--|
| D4400 | 16" x 16" nominal size | Key Control on Corridor (Staff) Side & Thumb Turn on Secure (Patient) Side |
| D4401 | 16" x 16" nominal size | Key Control on both Corridor (Staff) Side & Secure (Patient) Side |
| D4402 | 16" x 16" nominal size | Thumb Turn on both Corridor (Staff) Side & Secure (Patient) Side |
| D4403 | 16" x 16" nominal size | Key Control on Corridor (Staff) Side only |
| D4404 | 16" x 16" nominal size | Thumb Turn on Secure (Patient) Side only |
| D4405 | 16" x 16" nominal size | Thumb Turn on Corridor (Staff) Side only |
| D8200 | 5" x 29" nominal size | Key Control on Corridor (Staff) side & Thumb Turn on Secure (Patient) side |
| D8201 | 5" x 29" nominal size | Key Control on both Corridor (Staff) side & Secure (Patient) side |
| D8202 | 5" x 29" nominal size | Thumb Turn on both Corridor (Staff) side & Secure (Patient) side |
| D8203 | 5" x 29" nominal size | Key Control on Corridor (Staff) side only |
| D8204 | 5" x 29" nominal size | Thumb Turn on Secure (Patient) side only |
| D8400 | 10" x 32" nominal size | Key Control on Corridor (Staff) side & Thumb Turn on Secure (Patient) side |
| D8401 | 10" x 32" nominal size | Key Control on both Corridor (Staff) side & Secure (Patient) side |
| D8402 | 10" x 32" nominal size | Thumb Turn on both Corridor (Staff) side & Secure (Patient) side |
| D8403 | 10" x 32" nominal size | Key Control on Corridor (Staff) side only |
| D8404 | 10" x 32" nominal size | Thumb Turn on Secure (Patient) side only |

All models manufactured for 1 3/4" thick doors

Operation and Maintenance

Operation

Operate the control mechanism (Thumb Turn or Key Control) to allow vision through the panel. Turn the mechanism in the opposite direction to close the privacy bands. If your Duralux is specified with an 'Auto-close' function, the privacy bands will close automatically.

Maintenance

Periodic checks should be made to ensure all screws are tight and that the panel is free from damage or tampering. The controls should be checked to ensure they are functioning smoothly for both sides (if applicable).

Cleaning

Duralux panels should be cleaned with extreme care using a damp cloth (not wet) and a mild detergent if required. Avoid caustic cleaners and do not allow the vision panel to come into contact with liquids.

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Design Option Codes

Select your optional design features to help create a more therapeutic, non-institutional environment.

When specifying, add your chosen design codes to the end of your product model number. For example, to add an 'Auto-Close Mechanism' and a 'Power Coated Fascia' to model D4400, your product code would be: 'D4400.AC.PC01'.

| | |
|-----------------------------|--|
| Auto-Close Mechanism | AC: Privacy stripes automatically shut when the Key Control or Thumb Turn is released |
| Image | P01: Picture printed on privacy vision panel to Corridor (Staff) Side only P02: Picture printed on privacy vision panel to Both Sides P03: Picture printed on privacy vision panel to Room (Patient) Side only |
| Wrapped Fascia | W01: Vinyl Wrapped Vision Panel fascia finish to Both Sides - from standard 3M Di-Noc range W02: Vinyl Wrapped Vision Panel fascia finish to Corridor (Staff) Side only - from standard 3M Di-Noc range W03: Vinyl Wrapped Vision Panel fascia finish to Room (Patient) Side only - from standard 3M Di-Noc range |
| Powder Coated Fascia | PC01: Powder Coated Vision Panel fascia finish to Both Sides - from standard RAL colour range PC02: Powder Coated Vision Panel fascia finish to Corridor (Staff) Side only - from standard RAL colour range PC03: Powder Coated Vision Panel fascia finish to Room (Patient) Side only - from standard RAL colour range |

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UL Information

Duralux UL1784 Air Leakage Details as per Certificate 20180103-R39818

Door Model:

- UL Certified Wood Door and Steel Frame Assembly (OPBW)

Door Size, in.:

- Per UL Certified Wood Door and Steel Frame Assembly (OPBW)

Frame Model:

- Per UL Certified Wood Door and Steel Frame Assembly (OPBW)

Perimeter Seals:

- Per UL Certified Wood Door and Steel Frame Assembly (OPBW)

Bottom Seals:

- Per UL Certified Wood Door and Steel Frame Assembly (OPBW)

Hardware:

- Per UL Certified Wood Door and Steel Frame Assembly (OPBW)

Accessories:

- Duralux 4500 Series Vision Panel, Maximum Visible Glass Size of 14-3/8 in. (365mm) wide by 29-13/16 in. (757mm) high

| Pressure (in. of WC) | Air Temp, °F | Leakage (cfm/sq ft) | Closing Force, IB | Artificial Bottom Seal |
|----------------------|--------------|---------------------|-------------------|------------------------|
| 0.05 | Ambient | 1.59 | - | Yes |
| 0.10 | Ambient | 2.86 | - | Yes |
| 0.20 | Ambient | 4.79 | - | Yes |
| 0.30 | Ambient | 5.71 | - | Yes |
| 0.05 | 400 | 0.00 | | Yes |
| 0.10 | 400 | 0.24 | | Yes |
| 0.20 | 400 | 0.437 | | Yes |
| 0.30 | 400 | 1.25 | | Yes |

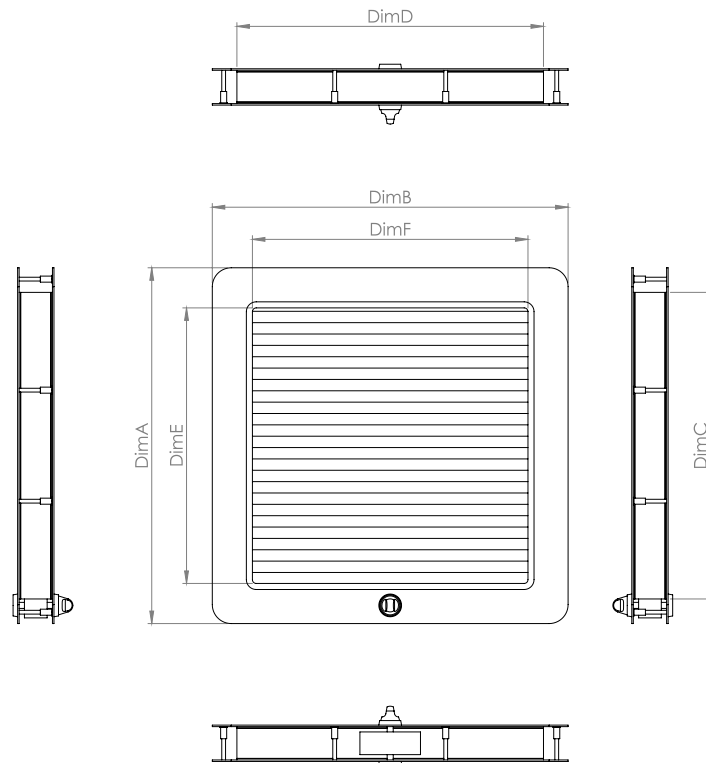
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| Part Number | Door Thickness | DimA Fascia Height | DimB Fascia Width | DimC Glass Casement Height | DimD Glass Casement Widthth | DimE Visible Glass Height | DimF Visible Glass Width |
|-------------|----------------|-----------------------|----------------------|----------------------------------|-----------------------------------|---------------------------------|--------------------------------|
| D4400 | 1 3/4" | 18 1/2" | 18 1/2" | 16" | 16" | 14 1/4" | 14 1/4" |
| D8200 | 1 3/4" | 32 1/8" | 8 1/2" | 29 3/4" | 6 1/8" | 28" | 4 1/4" |
| D8400 | 1 3/4" | 34" | 12 3/8" | 31 1/2" | 9 7/8" | 29 7/8" | 8 1/4" |


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