

## 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

### Terms and conditions:

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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:

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

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

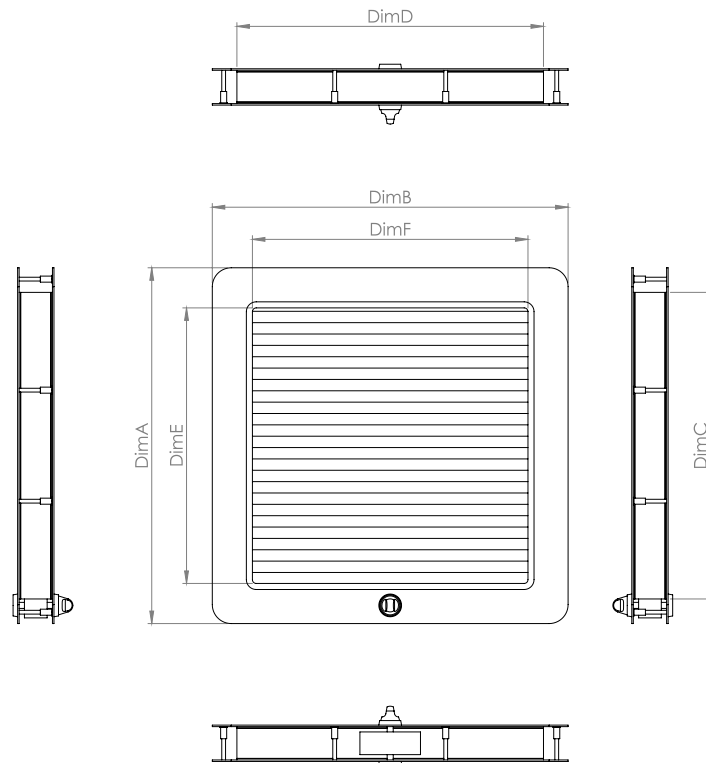
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Part Number	Door Thickness	DimA Fascia Height	DimB Fascia Width	DimC Glass Casement Height	DimD Glass Casement Width	DimE Visible Glass Height	DimF Visible Glass Width
D4400	1 3/4"	18 1/2"	18 1/2"	16"	16"	14 1/4"	14 1/4"
D8200	1 3/4"	32 1/8"	8 1/2"	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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