

PRODUCT SHOWCASE

At the forefront of anti-ligature & anti-barricade design





Your Partner in Patient Safety

At Kingsway Group, we exist to push limits, challenge thinking, and drive innovation to move design in mental health environments to the next level.

By aligning our thinking and actions at every step with three core values of ensuring Happy Customers, Perfect Products, and a Winning Team, we have helped over 85% of NHS Trusts reduce risk and improve patient safety within their facilities, successfully delivering over 4,000 risk-reducing projects across the UK and 10,000 globally.

The experts in innovative anti-ligature and anti-barricade design

By continuously innovating at the forefront of anti-ligature and anti-barricade design, we are committed to supporting clinical teams in delivering the highest degree of care possible within mental health facilities and other challenging environments. Our user-centered approach to design considers staff and service users at every stage, allowing us to offer bespoke solutions that improve safety and reduce risk for any area within a mental health facility.

As Your Partner in Patient Safety, we offer the widest range of Complete Door Systems available for mental health and challenging environments, designed through ongoing research and collaboration with our NHS Trust partners and Experts by Experience.

Improving safety in mental health

From the introduction of the world's only hinge-side anti-barricade door system, to the UK's first full door edge ligature alarm system, our history is dotted with innovative creations designed to reduce risk and improve safety within mental health environments.

At the heart of Kingsway Group, our Winning Team of over 100 highly skilled individuals are dedicated to ensuring our service and products exceed expectations and bring real world benefits to staff and service users throughout mental healthcare.

Contents

2	Your Partner in Patient Safety
6	Our Service
8	Our Net Zero Goals & Production Facility
12	How We Work
14	Testing
16	K-Care
20	NHS Commercial Solutions
22	ProCure23
24	CAMHS Bedroom Collaboration
	Complete Door Systems:
28	SENTRY Full Door Edge Ligature Alarm
30	SWITCH Anti-Barricade
32	SWING Anti-Barricade
34	SHOWER
36	SENSORY
38	SECLUSION
40	SOLO Single Action
42	STOW
44	STABLE Split Leaf
46	SERVICE
	Case Studies:
10	Health Based Place of Safety, Sheffield
18	Trinity Building, London
48	Kimmeridge Court, Dorset
76	Downshire, Northern Ireland
50	Signature Range
52	Finishes
56	KwikShip & Door Configurator
60	KOSMOS Smart Monitoring System
64	K-Alert
66	Serenity Interactive Panel
	Vision Panels:
72	Duralux
74	Visilux
78	Pyrolux
80	Vision Panel Layouts
82	Panorama
	Hardware:
86	Access Control
89	Handles
92	Hatches
94	Hooks & Door Stops
97	Locksets
101	Closers
104	Washroom Accessories
110	Virtual Showerroom Tour



Our Service

At Kingsway Group, we are committed to providing our partners with the best service and results possible through exacting standards to achieve excellence in patient safety. To ensure this, we listen to our partners' very specific needs and draw on our considerable experience to deliver solutions that exceed their expectations.



Ensuring a smooth process at every step

"The level of engagement from Kingsway has been excellent, with a collaborative approach to working with the key stakeholders within clinical and non-clinical teams to provide a structured approach to problem solving, client liaison, communication and after sales care that is considered to be exemplary."

- Lesley Anne Davison, Lancashire and South Cumbria NHS Foundation Trust.

Our Guarantee

To reinforce our commitment to providing our partners with the best service available, we are proud to offer a 5-year guarantee at no extra cost on all our products – with the exception of our Duralux Vision Panels which come with a life-time guarantee.

NPS Partner Feedback

As Your Partner in Patient Safety, your feedback is crucial not only to ensuring we deliver innovative solutions to the latest challenges but also to ensuring our service and support continues to exceed expectations.

With a Net Promoter Score (NPS) of +91, we've captured feedback covering the quality of our service and products from initial consultation to installation in over 100 completed projects, resulting in an NPS of +91 with our partners being either 'likely' or 'very likely' to recommend Kingsway Group.

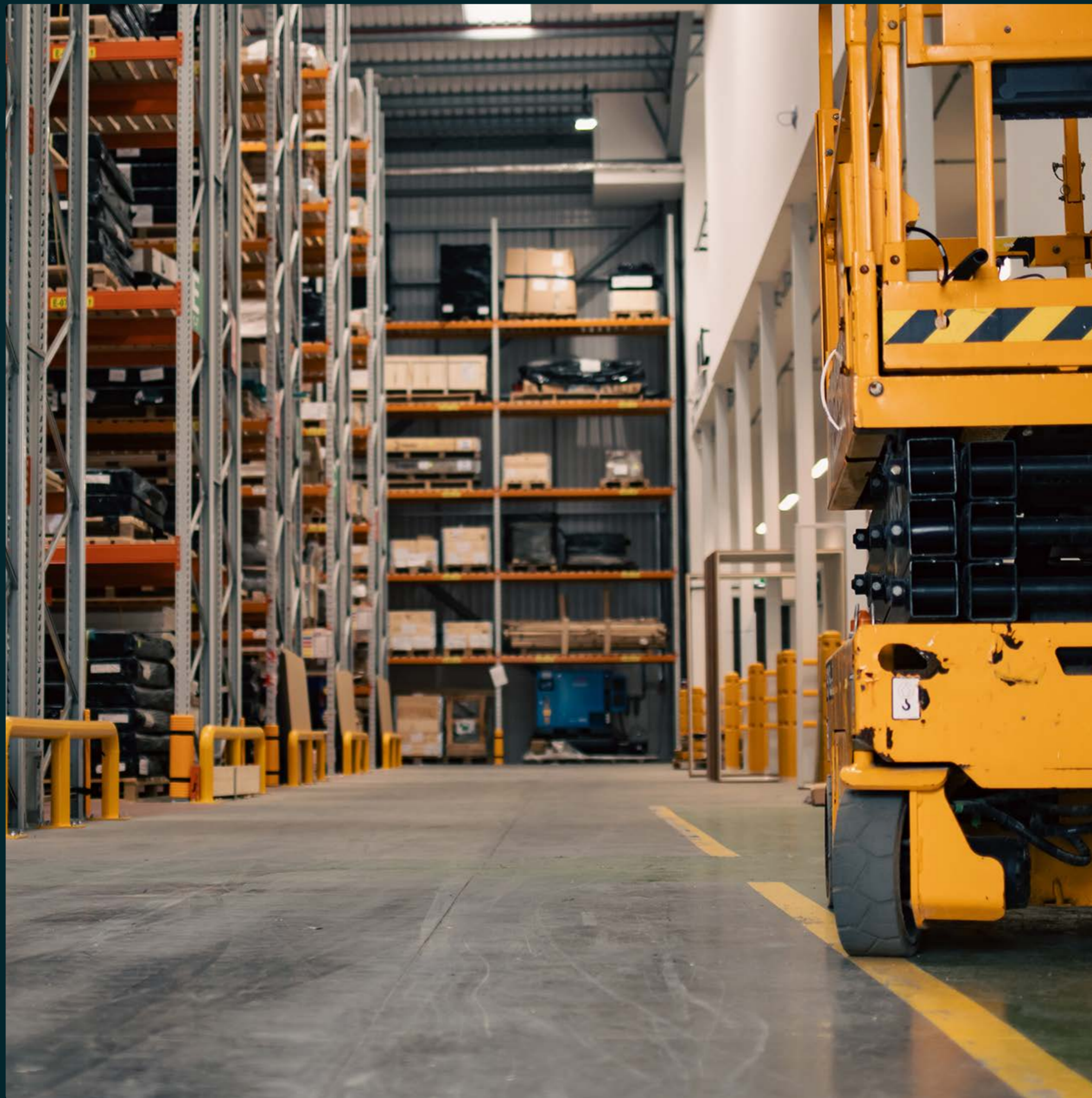
Certificated Fire Door Manufacturer and Installer

Designed to prevent the spread of fire and smoke whilst protecting escape routes, fire doors are a life safety product and must be fire tested under controlled conditions before being legally placed onto the market. Once tested, they must be installed in the same configuration as that tested or the approved extended scope.

As holders of BM Trada Q-Mark certification, we ensure every Complete Door System is rigorously tested to either FD30 or FD60 standards, whilst BM Trada also audit us both by inspection and testing of our products to ensure continued compliance with the required standards.

With both the Building Regulations and the Regulatory Reform (Fire Safety) Order requiring the person manufacturing and installing fire doors to be competent, our certification under the Q-Mark scheme gives building owners, specifiers, and the responsible persons confidence that the integrity of their fire compartment lines are being maintained, with documented evidence to demonstrate this.





Our Net Zero Goals

At Kingsway Group, we are committed to further reducing the impact of our life-safety products and processes on the environment.

We are proud to be collaborating with our supply chain with an aspiration of matching the NHS' targeted net zero emissions by 2040, recognising that sustainability is not only a responsibility but a shared goal of every key manufacturer and partner of the NHS.

By aligning our processes with the goals of the NHS, we can reduce our carbon footprint to stay at the forefront of environmental wellbeing and help contribute to a more sustainable future.

Our Headquarters and Production Facility

We are constantly seeking new and innovative ways to reduce our impact on the environment whilst still delivering high-quality products and services for our partners. In early 2024 we completed the move to our new purpose-built Global Headquarters and Production Facility. As an A-rated energy efficient building, the 32,000ft² 'Helix' facility is helping us to achieve our net zero goals while allowing for further optimising of our manufacturing processes.

Bringing with it a 300% increase in our production capacity, Helix is facilitating reduced lead times for our partners and allowing for new Kingsway services such as KwikShip® - our fast-tracked manufacturing schedule with just a 4-week lead time (see more on page 56).

The increased space at Helix also allows for greater innovation with a state-of-the-art Product Development centre and a dedicated Software Development facility for our KOSMOS Smart Monitoring System (page 60) and SERENITY Interactive Panel (page 66). Helix is also the home of our Experience Centre where we can workshop and innovate new solutions with subject matter experts, a space which is currently housing our CAMHS Collaboration Project (see more on page 24).

CASE STUDY

Health Based Place of Safety at the Longley Centre, Sheffield

Opened in January 2024, the Health Based Place of Safety is a bright, modern and comfortable facility consisting of three assessment suites designed to safely support service users through moments of crisis.

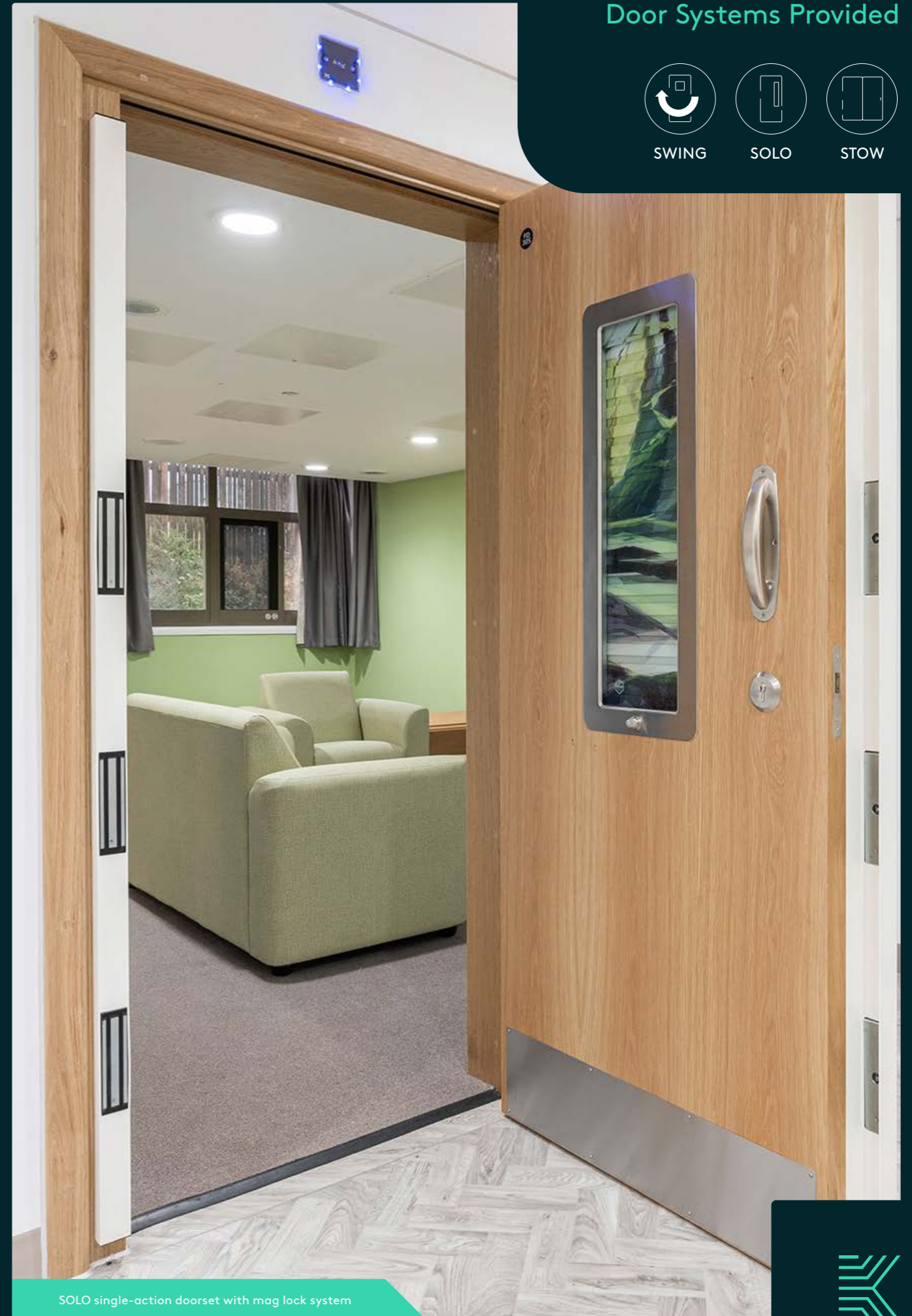
Kingsway Group were proud to provide a bespoke internal doorset package to minimise risk while contributing to a homely and calming aesthetic. Further enhancing the environment, the Duralux Vision Panels featured custom art pieces created by local landscape artist, Jill Ray, providing a continuous and therapeutic theme throughout the facility.



Customised Duralux Vision Panels



Anti-Ligature SOLO Door Systems with access control



SOLO single-action doorset with mag lock system

Door Systems Provided



SWING



SOLO



STOW



How We Work

We strive to provide meaningful support to our partners that goes beyond the products we offer. Through our years of experience working with NHS Trusts and private partners, our expert team have developed an in-depth knowledge of the challenges faced within mental health environments and are prepared to go beyond expectations to ensure the unique requirements of your project are wholly understood and met.

Our Proven Process

Through our project philosophy of 'Define, Design and Deliver', we offer expert guidance whilst engaging and consulting with key project stakeholders throughout the process to ensure the best risk-reducing solutions are delivered.

From large complex new builds to refurbishment projects, our proven 3-step process is one of the reasons so many partners have trusted Kingsway Group to deliver complete door projects in their specialist environments.

Define

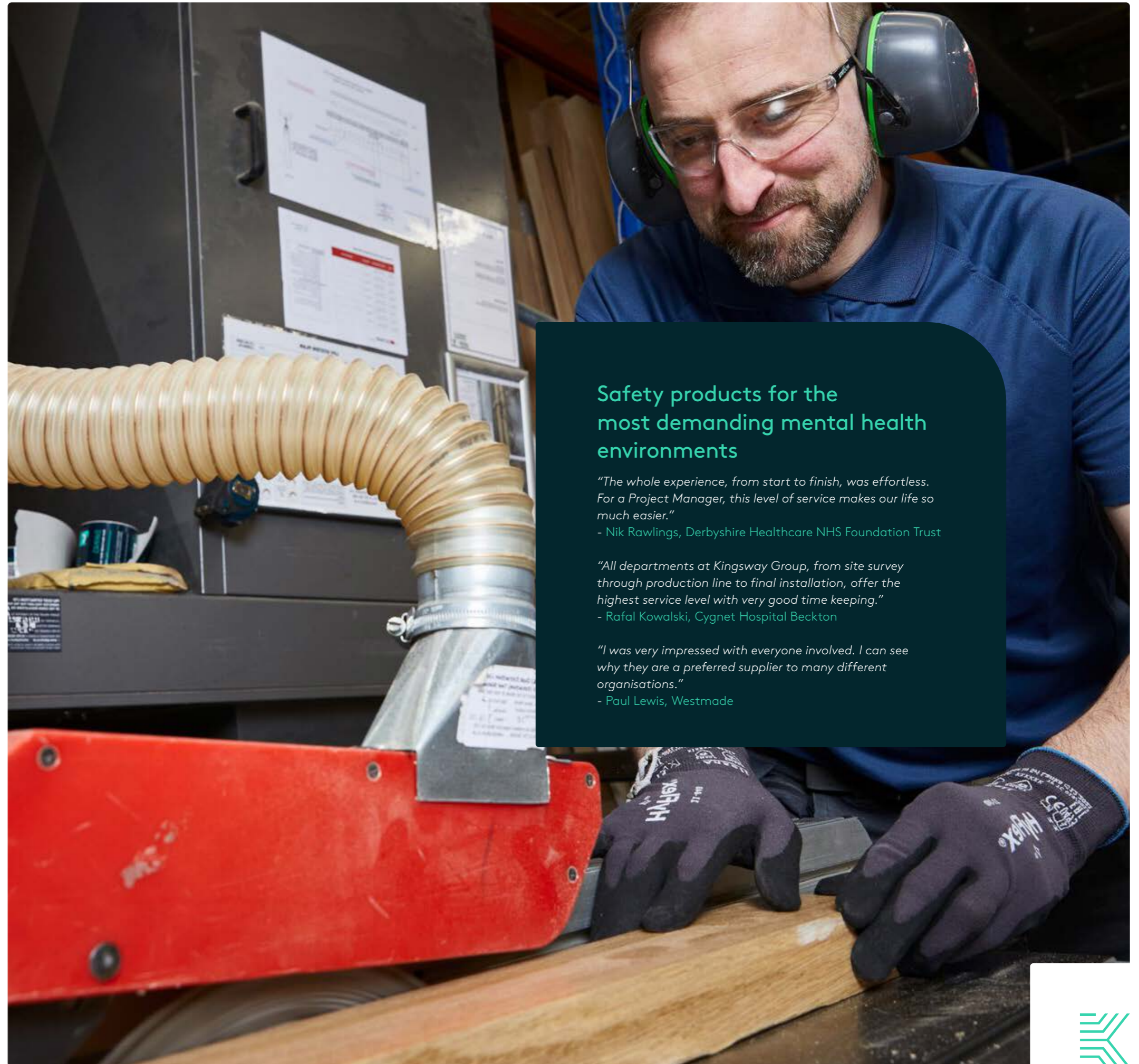
On making an enquiry with us, a Kingsway Group Project Consultant will work with you to understand and define the key objectives of your project. Your Project Consultant will provide advice and support on product selection based on our years of experience of supporting challenging environments and different service user groups.

Design

Your project begins to come to life as we work with all the key stakeholders to ensure a joined-up design. If the project requirements have changed, we are flexible to developing the perfect solution.

Deliver

This is where we make it happen. Your bespoke solutions are manufactured in our state-of-the-art production facility to our exacting standards, ensuring strict project scheduling for on-time delivery.



Safety products for the most demanding mental health environments

"The whole experience, from start to finish, was effortless. For a Project Manager, this level of service makes our life so much easier."

- Nik Rawlings, Derbyshire Healthcare NHS Foundation Trust

"All departments at Kingsway Group, from site survey through production line to final installation, offer the highest service level with very good time keeping."

- Rafal Kowalski, Cygnet Hospital Beckton

"I was very impressed with everyone involved. I can see why they are a preferred supplier to many different organisations."

- Paul Lewis, Westmade





Extensive Testing

At Kingsway Group, each product we design is put through extensive testing to ensure it meets and exceeds the expectations and requirements for use within the most challenging environments. Through a combination of independent testing and our own, we ensure our products are fit-for-purpose in order to reduce risk and improve safety for both staff and service users wherever they are used.

Ligature testing

Our Anti-Ligature Hardware products are rigorously tested in line with the Door & Hardware Federation's TS001:2013 (Enhanced Requirements & Test Methods For Anti-Ligature Hardware). This specialist test assesses a product's ability to resist ligature attachment using various materials.

Physical testing

For assurance of performance and robustness, our products are subjected to extensive cycle, attack resistance, and fire testing and are provided with supporting documentation to ensure a successful project, including BM Trada Q-Mark Fire Door Certification. Our Complete Door Systems are also tested to the Department of Health's recommended testing standards for Medium Secure Units.

Trident Attack Resistant Glazing

Our Trident Attack Resistant Glazing used across our range of high-strength Vision Panels has been independently tested for robustness and has achieved certification to EN 356 for physical attack resistance. The strenuous testing carried out in a specialist laboratory in Belgium simulates intense impacts by dropping steel balls from height directly onto the glazing.

Individual testing

To further assure our partners of the suitability of our solutions, we can provide products and systems to our partners to test first-hand within their facilities, ensuring compatibility with the unique characteristics and requirements of a given facility. For more info on our testing and certifications, visit:

www.kingswaygroupglobal.com/certifications

Introducing
K-CARE
A TAILORED APPROACH TO PATIENT SAFETY

BY  Kingsway Group

Addressing the challenges of mental healthcare environments, K-Care lets you choose the level of support that's right for your facility for complete confidence in the continuity of your risk reducing solutions.



Compliance checks & reports



Maximise room uptime



Replacement doorsets



BM Trada Q-Mark Fire Door Maintenance



Hands on training



24/7 visibility



Simplified management with Kingsway Portal



Replacement parts



Launched at
DiMH 2024!

Your Partner in Patient Safety

85%

A trusted partner to 85% of NHS Mental Health Trusts

10,000

10,000 projects successfully delivered across the UK and globally

90

Trusted service and delivery with a Net Promoter Score of 90

K-Care Packages

	K-Comply	K-Cover	K-Cover+
	The foundation support package	Enhanced support and reassurance	Ultimate protection and support
Remedial repairs & replacement parts	✓	✓	✓
Compliance Checks	✓	✓	✓
Staff Training	✓	✓	✓
Access to the Kingsway Portal	✓	✓	✓
3-Day Emergency Door Replacement		✓	✓
Bespoke Replacement Doors in 4 weeks			✓



See how your Trust can benefit from K-Care

For the full details on how your Trust can benefit from K-Care, visit kingswaygroupglobal.com/k-care or scan the QR code:



CASE STUDY

Trinity Building at Springfield University Hospital, London

"From spacious, bright new wards to award-winning garden courtyards and vibrant artworks throughout, this building has been designed to break stigma and provide healing spaces where patients receive high quality care, treatment and recovery, and where our teams are proud to work." - Vanessa Ford, Chief Executive of South West London and St George's Mental Health Trust.

Kingsway Group were proud to provide our risk reducing solutions to a project with collaboration at its core, resulting in a therapeutic and modern facility serving nearly 500 service users and staff. To meet the wide project requirements, our SWITCH, SECLUSION, SOLO and STOW Complete Door Systems were selected for use throughout the Trinity Building.



SOLO Door System for communal areas

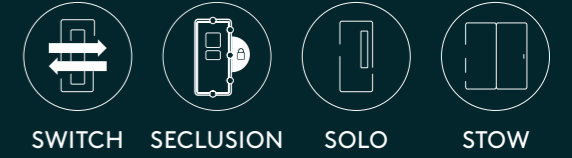


Anti-Barricade SWITCH Door Systems for bedrooms



Various finishes for the SWITCH Door Systems

Door Systems Provided



SWITCH SECLUSION SOLO STOW



Pre-approved Anti-Ligature Doorsets for the NHS

Following a rigorous tender process, Kingsway Group are now a pre-approved supplier of Anti-Ligature, Specialist, and Bespoke Doors via the NHS Commercial Solutions Framework Agreement.

With an in-depth vetting process covering every aspect of the Kingsway service from our production process through to our net zero commitments, our inclusion on the NHS Commercial Solutions Framework Agreement ensures our products and processes have been independently pre-approved for quality assurance.



Benefits of using the NHS Commercial Solutions Framework Agreement

Legally Compliant Access:

The Framework Agreement provides a compliant pathway to the market and streamlined access to pre-tendered and trusted solution providers.

Quality Assurance:

All suppliers within the framework are pre-approved for quality and a trusted source.

Cost-Effectiveness:

NHS organisations and public sector entities can access vetted suppliers who offer competitive pricing.

Streamlined Procurement:

Safe in the knowledge that Kingsway has passed a strenuous vetting process, the Framework Agreement significantly shortens procurement timescales for faster project execution.

Retro-fitting Capability:

Suppliers can adapt and upgrade existing installations to meet contemporary standards and unique project requirements.

ProCure23

Our inclusion on NHS England's ProCure23 framework ensures our products have been independently assessed for design, performance and value, as well as compliance with Health Building Notes (HBNs) & Health Technical Memoranda (HTMs).

Removing the need for open tendering, ProCure23 helps minimise procurement timelines when specifying Kingsway Group products and provides NHS Trusts reassurance in the knowledge that Kingsway have successfully passed an all-encompassing vetting process.

Benefits of ProCure23

- Streamlined access to the widest range of Anti-Ligature Complete Door Systems available for mental health environments.
- Confidence in Kingsway Group's proficiency with health/complex project design and construction.
- Use of modern methods of construction including a range of standardised, project share and repeatable rooms options to provide reliable, evidence-based designs and to reduce capital cost.
- Call-off options to suit differing project needs, values and complexities while ensuring clients' post-construction review (PCR) compliance.
- A fast-tracked process without the need to open tender, making the approvals process more efficient and reducing associated costs.
- All projects will use tried and tested NEC contract processes, enabling collaboration and collective risk sharing between partners.
- Implementation advisor support, offered in a neutral capacity, free of charge.



ProCure
23

NHS
England

Co-Production CAMHS Bedroom Collaboration



April, 2023



A Shared Vision

Embarking on a collaborative journey, Gilling Dod, Britplas and Kingsway Group came together to explore what the ideal CAMHS bedroom *could* look like and to set a new benchmark for CAMHS design.

May, 2023



User-Centred Design Review Panel

Experts by Experience, NHS Trusts and mental healthcare Architects were invited to take part in a holistic review of existing CAMHS bedroom designs and their emotional influence on service users. Together zeroing in on what the ideal CAMHS Bedroom *should* achieve, the importance of emotional safety shone through. How can the physical environment promote the basic human need for emotional safety?

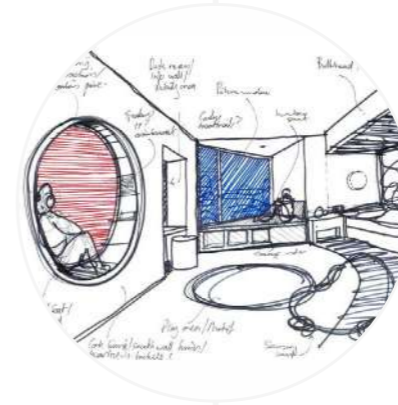
August, 2023



Co-Production Workshop

Collaborating with Caudwell Children's Charity, Andrew Arnold (Gilling Dod) and Mark Childs (Kingsway Group & DiMH Associate) hosted a 'Design a Bedroom' Workshop for autistic children, young people and their families. With interactive games and activities, the workshop explored key factors in autism sensitive design and how these play a part in daily routines and emotional wellbeing.

October, 2023



Initial Drawings

Implementing our learnings and the visions of Experts by Experience from the co-production workshop, the initial drawings were drafted for the CAMHS Bedroom Collaboration. The drawings sought to take a bedroom back to its main purpose, creating a homely and personal space in which children and young people can rest, recuperate and heal.

November, 2023



Drawing Review with Caudwell Children

With the initial drawings drafted, Gilling Dod returned to Caudwell Children to invite feedback from the charity and Experts by Experience that would shape the final designs.

Present



Final Drawings and Full-Scale Build

Collating all input from Experts by Experience, NHS Trusts and Architects from throughout the process, the final drawings were produced for the CAMHS Bedroom Collaboration with construction of the full-scale display room beginning in February 2024 at Kingsway Group's Global Headquarters in London.

Explore the CAMHS Collaboration

With the project unveiled at Design in Mental Health 2024, the CAMHS Bedroom Collaboration is now open for visits! We invite you to visit for yourself and explore the new benchmark in CAMHS bedroom design.

Find out more at www.kingswaygroupglobal.com/camhs or scan the QR code to request a visit:

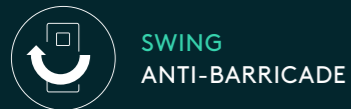


IMPROVING SAFETY & REDUCING RISK

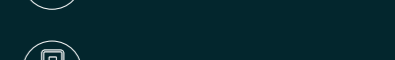
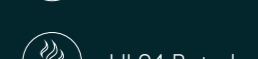
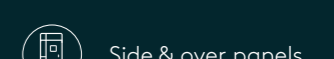
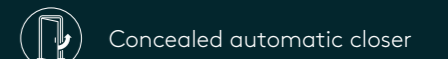
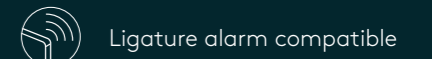
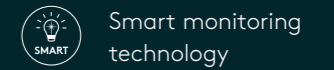
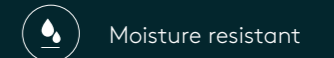
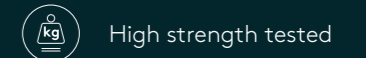
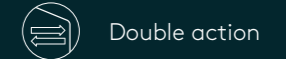
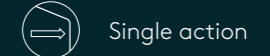
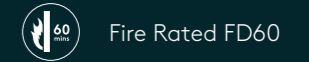
COMPLETE DOOR SYSTEMS

We offer the widest range of Anti-Ligature and Anti-Barricade Complete Door Systems available for mental health environments to ensure the correct solution can be found for anywhere within your mental health facility.

All nine of our Complete Door Systems are designed with both the staff and service user in mind to improve safety and reduce risk, arriving on site as a complete pre-hung door system – pre-fitted with all hardware and components, pre-tested, and pre-certificated for smooth installation and assured performance.



KEY TO FEATURES:



FULL DOOR EDGE ALARM

SENTRY

The most versatile ligature-alarmed door solution available for mental health facilities.

The SENTRY Full Door Edge Ligature Alarm System maximises the risk-reducing capabilities of our leading Anti-Ligature and Anti-Barricade Complete Door Systems, alerting clinical teams to life-threatening incidents when a ligature is detected against any of the door's exposed edges.

Hardwired and ligature resistant by design, SENTRY provides the robustness and reliability demanded for an assistive clinical product within a life-critical system.

The SENTRY doorset is available in SWING, SWITCH, STOW and SOLO specifications to ensure the correct solution can be found for your mental health facility, featuring specifically designed anti-ligature hardware such as the KG187 Doorstop.



The most versatile alarmed door solution available for mental health facilities, supporting clinical teams in improving the safety of those in their care.



Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Available Finishes:

See page 52 for finishes and colour options

Fire and Smoke Rating:

FD30S to BS476 part 22 under BM Trada Q-Mark 3rd party certification. Smoke rated to BS EN 1634-3: 2004 section 10.1.1

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Door Types Available:

SWING, SWITCH, STOW, and SOLO


Vision Panel Options:

Duralux, Visilux or Pyrolux Ranges, see page 70 for more details. For Vision Panel layouts, see page 80

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Featured Finishes

-  Chrome Yellow - F 1485
-  Thistle - F 7880
-  Opal - F 2966
-  Clementine - F 2962
-  Sandstone - F 2833

Please see page 52 for our full range of finishes.



Innovative Features of SENTRY



Easy installation and fire-safety compliant

With no need for any modification of the existing floor construction, SENTRY is ideal for both new build and refurbishment projects, arriving on site factory-fitted, tested, pre-hung, and certificated by the BM Trada Q-Mark for full fire-safety compliance.



Unique detection and seamless integration

The integrated SENTRY ligature monitors trigger an alarm when pressure is applied to any of the door's exposed edges, working whichever position the door is in; open or closed. SENTRY seamlessly integrates with all major legacy staff attack and nurse call systems, as well as Kingsway's next-generation KOSMOS Smart Monitoring System and K-Alert Alarm Annunciation System.



Anti-Barricade capabilities

Both our SWITCH and SWING specifications of SENTRY provide staff with a controlled, fast, and safe means for overcoming barricading incidents, saving invaluable seconds for clinical teams and service users in life-threatening situations.

ANTI-BARRICADE

SWITCH

SWITCH is the world's first and only hinge-side anti-barricade door system, designed for fast, controlled, and safe overcoming of barricading incidents by keeping staff in the 'Green Zone'.

Anti-ligature by design, its unique SwitchHinge mechanism allows staff to open the door outwards to overcome barricading and wedging incidents in less than 2 seconds with no override tool kits required – even with the door lock bolt extended or tampered with, saving critical seconds for staff and service users during emergency situations.

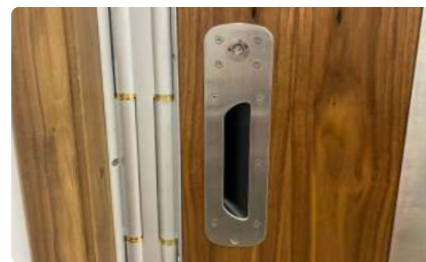


Innovative Features of SWITCH



'Green Zone' operation

SWITCH puts staff in the safe 'Green Zone'; the point at which the opening door is at its lowest speed. This unique feature allows staff to remain in control of the opening door when overcoming a barricade with the door acting as an additional layer of protection between staff and service user where necessary.



Secure SwitchHinge Lock

The heavy-duty SwitchHinge lock secures the hinge parts for single-action use during normal operation and provides double-action use when unlocked to overcome barricades. The lock indicator clearly shows the status of the SwitchHinge lock.



Robust Rebated Door Frame

The door frame's solid rebated profile on the closing side increases strength and provides a more homely, non-institutional feel.



SWITCH puts staff in the safest place when attending a barricade situation - no need for secondary override tool kits.

Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Fire and Smoke Rating:

FD30S to BS476 part 22 under BM Trada Q-Mark 3rd party certification. Smoke rated to BS EN 1634-3: 2004 section 10.1.1

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Vision Panel Options:

Duralux, Visilux or Pyrolux Ranges, see page 70 for more details. For Vision Panel layouts, see page 80

Available Finishes:

See page 52 for finishes and colour options

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards

Door Types Available:

Single Door, Leaf and a Half

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Featured Finishes

-  Heather - F 0233
-  Spectrum Yellow - F 7940
-  Lime - F 4177
-  Seringa - F 2273
-  Orchid - F 5346

Please see page 52 for our full range of finishes.



ANTI-BARRICADE

SWING

The SWING Anti-Barricade Door System allows staff to quickly gain access to service user rooms during an emergency.

Thanks to its unique 'SwingThru' Strike Plate and double-action continuous 'SwingHinge', staff can open the door outwards in under 2 seconds with no need to retract the lock bolt first, saving crucial seconds during life-threatening incidents.

Manufactured to exacting standards, SWING offers a versatile, safe and durable anti-barricade solution with all the robustness of Kingsway's proven-to-perform tri-laminate

core doors. It is available in single leaf or leaf and a half configurations for wide access, ensuring the correct solution can be found for your facility.



Overcome door barricades in under 2 seconds with no need for override toolkits.

Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Fire and Smoke Rating:

FD30S to BS476 part 22 under BM Trada Q-Mark 3rd party certification. Smoke rated to BS EN 1634-3: 2004 section 10.1.1

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Vision Panel Options:

Duralux, Visilux or Pyrolux Ranges, see page 70 for more details. For Vision Panel layouts, see page 80

Available Finishes:

See page 52 for finishes and colour options

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards





Door Types Available:

Single Door, Leaf and a Half

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Featured Finishes

-  Capri - F 1326
-  Terracotta - F 4161
-  Azur - K 1019
-  Energy - F 5348
-  Pale Gold - F 7882

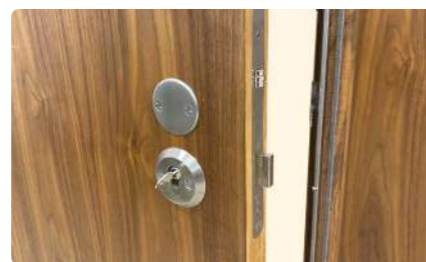
Please see page 52 for our full range of finishes.

Innovative Features of SWING



Robust continuous hinge

The patented double-action SwingHinge enhances the overall strength of the doorset, providing a continuous anchor point between the door leaf and frame while allowing the door to open both inwards and outwards.



Fast overcoming of barricades

In the event of a barricade, staff unlock the 'SwingStop' with a single turn of the Kingsway Staff Key, allowing the door leaf to open outwards away from the barricade. This simple yet effective system allows access in under 2 seconds with no cumbersome override toolkits required and no need to retract the door's lock bolt first.



Ligature alarm capabilities

To reduce the ligature risk further, SWING is fully compatible with our SENTRY Full Door Edge Ligature Alarm System, alerting staff when a ligature is detected against any of the door's exposed edges. See more on page 28.

Available through KwikShip®

Available in just 4 weeks with our KwikShip® fast-tracked manufacturing schedule. See Page 56 for more info.



SHOWER

With a therapeutic appearance and independently verified strength and ligature resistance, the new Kingsway SHOWER Door System is designed to protect service user privacy and dignity while carefully managing and reducing the safety risks present in mental health ensuite bathrooms.

Through extensive research and development, SHOWER's precisely shaped anti-ligature leaf and high-strength, continuous MegaHinge system together help minimise risk in ensuite rooms, successfully achieving the highest grade ligature resistance (B4) in third-party testing to the Door and Hardware Federation's TS001:2013.



Innovative Features of SHOWER



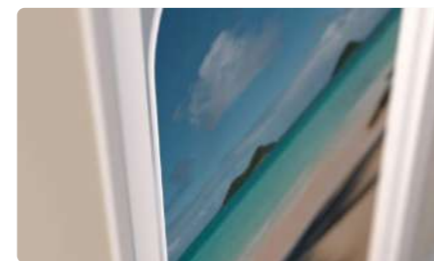
Supporting recovery journeys

The introduction of calming landscapes or art pieces into the ward environment can help create a more welcoming, therapeutic space to aid service user recovery journeys. SHOWER can be finished with bespoke imagery across the entirety of its leaf to enhance the healing environment.



Flexibility for clinical teams

SHOWER's innovative design provides all the benefits of a fixed solution while ensuring management teams have flexibility in controlling its use. If clinical assessment deems it necessary for a particular service user, staff can remove the leaf and securely lock the MegaHinge in under two minutes. Refitting the leaf is just as simple.



Third-party strength testing

As a fixed-to-the-frame solution, SHOWER has undergone extensive stress testing to make sure of its strength and suitability in challenging environments. The assembly has comfortably withstood overextension in excess of 3kN force during third-party testing with no safety risks arising as a result of the excessive force, flexing back to its original position thereafter.



SHOWER offers a robust and durable anti-ligature solution for retaining service user privacy.

Technical Specifications

Door Core Specification:

10mm shatterproof Polycarbonate

Available Finishes:

Bespoke imagery or solid colour. See page 52 for finishes and colour options

Door Types Available:

- Complete Door System with frame or Retro-Fit into existing frame
- Single Leaf or Double Leaf

Endurance Testing:

- Independently stress tested to over 3kN force
- Static load rated to 800lb






Maximum Leaf Dimensions:

900mm (W) x 1680mm (H)

Flammability Rating:

V1 rating to UL94 (self-extinguishing after a flame is removed with no flaming drip)

Featured Finishes

-  White - Colour (For Printing Image)
-  Beige Colour
-  Light Pink Colour
-  Light Green Colour
-  Light Blue Colour

Please see page 52 for our full range of finishes.



Available through KwikShip®

Available in a standard finish in just 4 weeks with KwikShip®! See Page 56 for more info.

SENSORY

With many children and young people remaining in care for extended periods of time, the built environment has a responsibility to positively contribute to service user wellbeing through user-centred design.

Innovated to safely enhance the CAMHS bedroom environment, Kingsway's new SENSORY CAMHS Door System has been co-produced with Experts by Experience to help create a space that nurtures, provides a sense of ownership and control, and one in which children and young people can fundamentally feel safe and comfortable within.

With a circular theme and specifically designed hardware, SENSORY provides a softened appearance and homely feel while delivering the anti-ligature properties required to facilitate safe use within CAMHS environments.

Available in anti-barricade and single-action specifications, the SENSORY doorset delivers the same proven performance, robustness and durability of Kingsway's existing Complete Door System range and is compatible with our SENTRY ligature monitoring system.



Innovative Features of SENSORY



Bespoke Colour Coded Ironmongery

The SENSORY doorset features bespoke anti-ligature ironmongery finished with a ceramic coating to soften the appearance of the clinical environment, including a unique pull handle characterised by a gradient in thickness, providing the perfect fit for small through to large hands.



Silent Eclipse Vision Panel

Innovated through service user engagement during the CAMHS Collaboration Project (see page 24), the SENSORY doorset features our new Eclipse Vision Panel; a silently operated privacy porthole utilising polarising technology to facilitate safe observation in CAMHS environments.



A sense of ownership and control

Featuring an integrated whiteboard, the SENSORY doorset allows service users to personalise their bedroom door, providing an improved sense of ownership, control and identity to help support wellbeing within challenging environments.



A new benchmark for CAMHS design.



Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Available Finishes:

See page 52 for finishes and colour options

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Vision Panel Options:

Eclipse Vision Panel





Door Types Available:

Single Door, Leaf and a Half

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Bespoke Ironmongery

-  Navy Ceramic Coating
-  Rebel Ceramic Coating
-  Smoke Ceramic Coating
-  Jungle Ceramic Coating

Featured Finishes

Please see page 52 for our full range of laminate and veneer finishes.



Visit the CAMHS Bedroom Collaboration



Featuring our new SENSORY Door System, the full-scale CAMHS Bedroom Collaboration display room is now open for visits! Find out more on page 24 or scan the QR code to book a visit.

SPECIALIST

SECLUSION

The anti-ligature SECLUSION Door System provides our most robust solution for areas where a service user is required to be isolated in a safe environment, such as seclusion rooms and de-escalation spaces.

The doorset is flush to the inside for improved service user safety, whilst staff can rely on the high-strength SureLock McGill 5-point locking system for unrivalled security. A slam-lock feature further aids staff, allowing them to quickly secure the door before deadlocking for complete security.

For optimum robustness, the doorset features an impact-resistant, tri-laminate timber core secured to a hardwood frame by a full-length continuous hinge system.



Innovative Features of SECLUSION



Auto-locking serving hatch

SECLUSION's auto-locking Secure Tray Hatch allows staff to communicate and pass refreshment to the service user without the risk of opening the door leaf, helping to protect clinical staff in the event of a volatile scenario.



Safe observation

A high-strength Duralux Vision Panel allows for safe observation into the room. The panel is fitted flush to the service user side with no visible fixings and is controlled solely on the staff side.



Durable and secure

Specially designed full-width strike plates maximise the assembly's durability, absorbing the impact of the door when closed with force. A unique threshold strip further strengthens the doorset, providing a secure anchor point for the SureLock McGill lock into the floor.



Our most robust solution for staff and service user safety in high-secure environments.



Technical Specifications

Door Core Specification:

54mm solid tri-laminated hardwood core

Available Finishes:

Classic Laminate or Plastic Encapsulated (non-standard).

Fire Rating:

NFR

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards

Maximum Leaf Dimensions:

1000mm (W) x 2100mm (H)

Door Types Available:

Single Door

Vision Panel Options:

Duralux, Visilux or Pyrolux Ranges, see page 70 for more details. For Vision Panel layouts, see page 80

Featured Finishes

Surf
- F 7923

Cafe
- F 0903

Tornado
- F 1535

Peaceful Blue
- F 0231

Silver
- F 2791

Please see page 52 for our full range of finishes.



SINGLE ACTION

SOLO

The SOLO Complete Door System provides a robust solution for all single action doorset requirements within a mental healthcare facility.

Anti-ligature by design, SOLO is highly versatile offering many options for fire-rating, Vision Panels and leaf configurations, including Single Leaf, Leaf and a Half, and Double Leaf.

Kingsway's project experts will guide you through the range of possible specifications, with bespoke combinations of door hardware, locking mechanisms, concealed transom closers, and side or over-panels to ensure the correct solution is delivered for both service users and staff.



Innovative Features of SOLO



Robust and durable

SOLO delivers the robustness of Kingsway's proven-to-perform tri-laminate core doors with durable hardware and attack resistant glazing where required.



Versatile

SOLO's versatility makes it fit-for-purpose in a range of locations across mental health facilities, including but not limited to; corridors, communal areas and staff areas.



Side and over panels

A choice of side and over panel options provide extra versatility to the SOLO Complete Door System, ensuring ample observation where necessary for greater patient and staff safety.



Pre-certificated and highly versatile, SOLO delivers the perfect solution for all single action doorset requirements in secure care settings.



Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Fire and Smoke Rating:

FD30S to BS476 part 22 under BM Trada Q-Mark 3rd party certification. Smoke rated to BS EN 1634-3: 2004 section 10.1.1

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Vision Panel Options:

Duralux, Visilux or Pyrolux Ranges, see page 70 for more details. For Vision Panel layouts, see page 80

Available Finishes:

See page 52 for finishes and colour options

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards






Door Types Available:

Single Door, Leaf and a Half & Double Leaf

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Featured Finishes

-  **Blaze Red**
- F 2824
-  **Vibrant Green**
- F 6901
-  **Papyrus**
- F 0547
-  **Cygnet**
- F 3050
-  **Earth**
- F 5342

Please see page 52 for our full range of finishes.



Available through KwikShip®

Available in just 4 weeks with our KwikShip® fast-tracked manufacturing schedule. See Page 56 for more info.

SPECIALIST

STOW

With the ability to be locked back flush to the wall, STOW provides clinical teams with greater control over service user access to high-risk areas.

Often used in en-suite areas, the STOW Complete Door System gives staff full control over how the door is used and is fully compatible with our SENTRY Ligature Alarm System and Door Top Monitor Alarm, backed by the same guarantees as all our other door systems.



Controlling the use of the STOW



Free Usage

Where it is deemed safe through clinical assessment, staff can allow service users free use of the door and full access through it, helping to maintain their privacy and dignity.



Stowed

To facilitate safe access to high-risk areas without the risk of moving the door, staff can 'stow' and lock the door leaf back into a secondary frame that sits flush with the wall.



Closed

If clinical assessment deems free access is not safe for the service user, then the STOW door leaf can be locked shut by staff.



Normal operation or stowed away flush to the wall, STOW provides staff with greater flexibility and improved service user safety in high secure environments.

Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Fire and Smoke Rating:

NFR

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Available Finishes:

See page 52 for finishes and colour options


Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards

Door Types Available:

Single Door, 90° or 180° fold away frame

Featured Finishes

-  Iris - F 1194
-  Dusty Jade - F 7879
-  Otter - F 3202
-  Maui - F 5347
-  Pale Olive - F 3007

Please see page 52 for our full range of finishes.



SPLIT LEAF

STABLE

The STABLE Split-Leaf Door System provides the complete anti-ligature and fire rated solution for ward offices, clinic rooms, medication dispensary areas and more to enhance the safety of both staff and service users.

Its split leaf design allows staff to safely interact with service users whilst keeping the bottom leaf securely locked, preventing unauthorised entry to high risk areas. A simple quarter turn deadbolt secures the upper and lower leaf together to provide normal door operation when needed.

With a wide range of configurations, including anti-barricade specifications, STABLE can meet your project's unique requirements whilst ensuring compliance with fire-safety regulations with its BM Trada Q-Mark certification.



Innovative Features of the STABLE



Split Leaf

Designed to de-risk servery areas, STABLE is the only split leaf door system for mental health facilities that is fire rated for 30 minutes.



Servery Hatch

STABLE can be fitted with a servery hatch to the upper leaf with a Vision Panel within it, ensuring maximum versatility and functionality.



Customisable Spec

Compatible with a wide range of Kingsway Hardware, Finishes, Vision Panels and more to help contribute to a therapeutic environment through non-institutional design.



Reducing risk for dispensary or medicine servery rooms, the STABLE doorset provides the complete fire-rated solution.

Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Fire and Smoke Rating:

FD30S to BS476 part 22 under BM Trada Q-Mark 3rd party certification. Smoke rated to BS EN 1634-3: 2004 section 10.1.1

Lippings for Veneer & Laminate Facings:

Hardwood 10mm to all four sides concealed or exposed

Vision Panel Options:

Duralux, Visilux or Pyrolux Ranges, see page 70 for more details. For Vision Panel layouts, see page 80

Available Finishes:

See page 52 for finishes and colour options

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards

Door Types Available:


Single Door, Split Leaf, Anti-Barricade or Single-Action

Maximum Leaf Dimensions:

1200mm (w) x 2100mm (h)

Featured Finishes

 Juicy Pink
- F 0232

 Sol
- F 3209

 China Blue
- F 7884

 Mojave
- F 8751

 Sparta
- F 0189

Please see page 52 for our full range of finishes.



RISER DOOR

SERVICE

The SERVICE Complete Door System offers a fire-rated, durable and anti-ligature solution for riser cupboard doors within mental health facilities.

Its robust yet discrete design and anti-ligature hardware make it suitable for use within patient accessible areas, whilst an extensive choice of coloured and textured finishes ensure it suits the location's requirements and provides a non-institutional appearance.

As with all Kingsway Group Complete Door Systems, SERVICE is ideal for both new build and refurbishment projects. It arrives on site factory-fitted, tested, and pre-assembled for smooth and efficient installation and is available with an FD60 rating certificated by the BM Trada Q-Mark Scheme.



Innovative Features of SERVICE



Wide access

Its concealed fire-rated hinges offer enhanced security and a wide angle of access, providing maintenance teams sufficient space to access mechanical or electrical controls.



Anti-ligature hardware

The KG80 recessed pull handle provides a discreet opening method while minimising the risk of ligature attachment.



Secure

The solid 4-sided frame and tri-laminated hardwood core door leaf provide a secure and robust solution for service cupboard doors within mental health facilities.



The robust and durable fire-rated solution for service cupboards in mental health facilities.



Technical Specifications

Door Core Specification:

44mm or 54mm solid tri-laminated hardwood core

Fire and Smoke Rating:

FD30S / FD60S under BM Trada Q-Mark 3rd party certification

Lippings for Veneer & Laminate Facings:

Exposed or concealed (subject to leaf finish) hardwood 10mm to all edges

Maximum Leaf Dimensions:

900mm (w) x 1800mm (h)

Available Finishes:

See page 52 for finishes and colour options

Endurance Testing:

Tested to recommended Department of Health Medium Secure Unit testing standards, see page 14 for more details on our testing standards

Door Types Available:

Single Door

Featured Finishes

-  Caribbean - F 4172
-  Hunter Green - F 7967
-  Tropical Blue - F 2828
-  Sun - F 4155
-  Grenadine - F 6902

Please see page 52 for our full range of finishes.

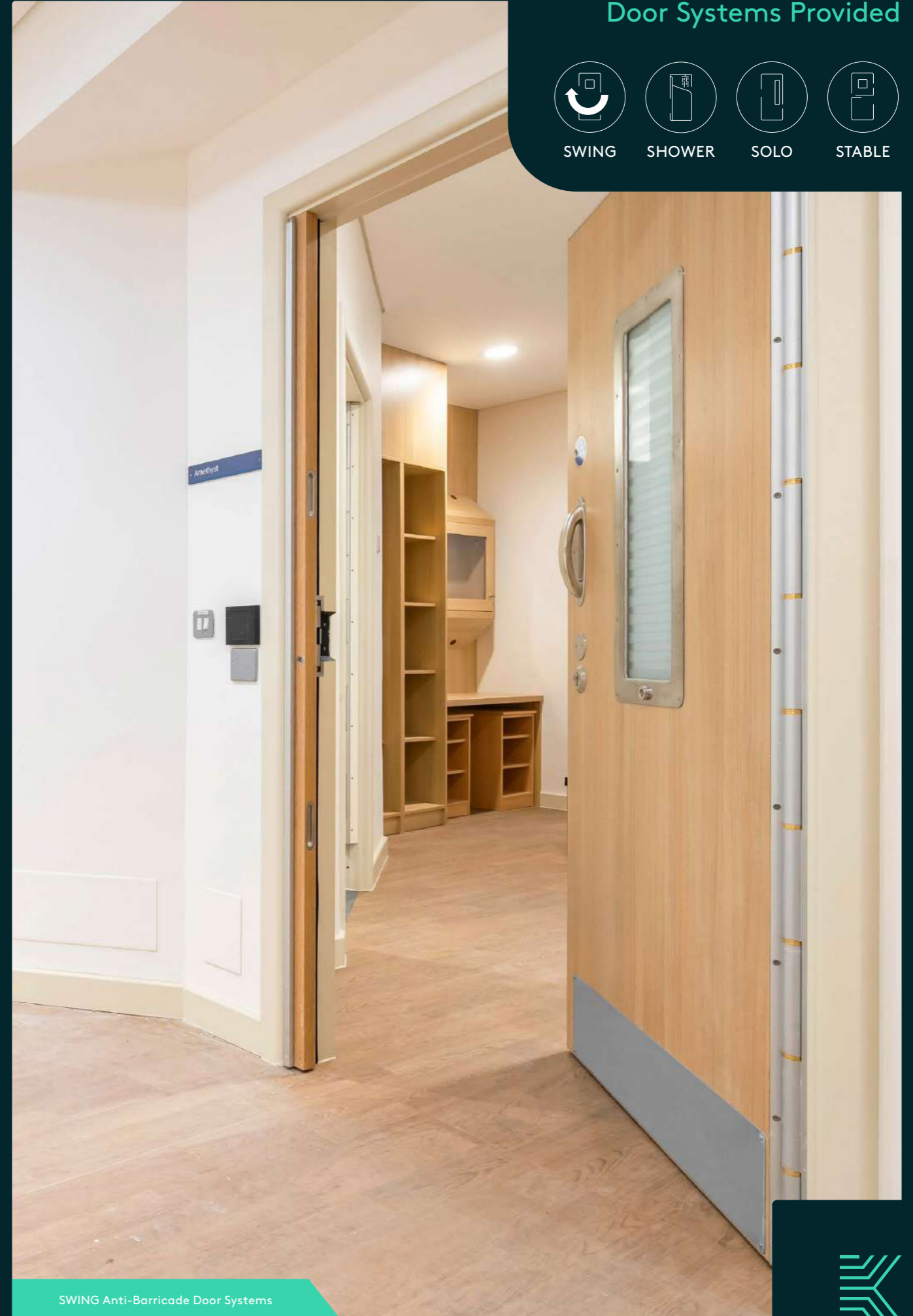
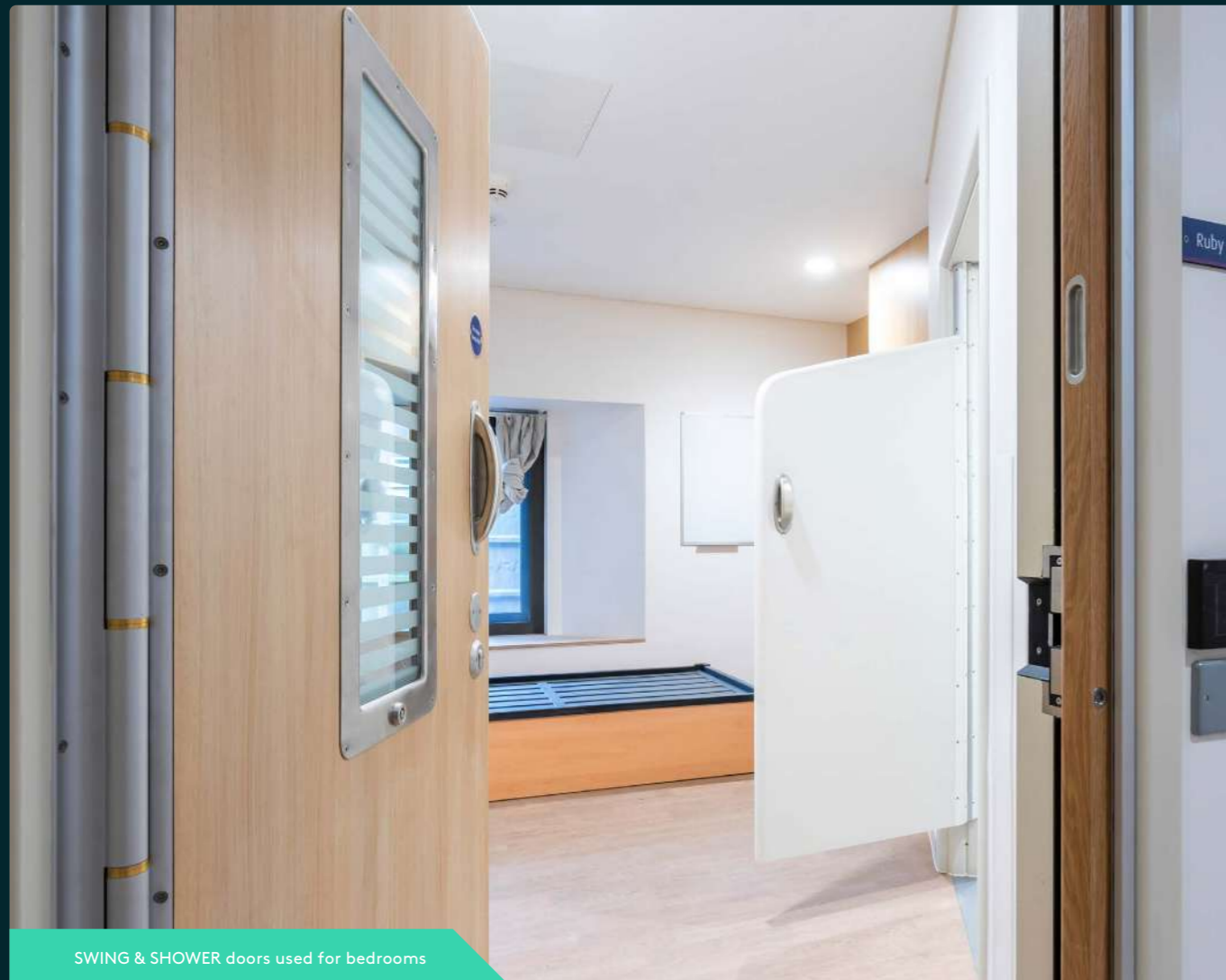


CASE STUDY




Kimmeridge Court Eating Disorder Unit at St Ann's Hospital, Dorset

A range of Kingsway Group solutions were selected to reduce risk within the 10-bed Kimmeridge Court Eating Disorder Unit in Dorset. SWING Anti-Barricade Complete Door Systems were selected for the service user bedrooms with Door Top Monitor Alarms and Duralux Secure Vision Panels to help maximise both patient safety and the ability of staff to respond promptly to ligature or barricading incidents.

Kingsway Group and Dorset HealthCare University NHS Foundation Trust carefully considered service user interaction with the communal kitchen facilities before selecting SWING for the kitchen entrance. Fitted with an Oblong Pyrolux Vision Panel and Free Swing Anti-Ligature Closer, this solution offered a safe means for independent use of the kitchen whilst providing staff with optimal observation and the ability to quickly overcome any potential barricading incidents.



Door Systems Provided

-  SWING
-  SHOWER
-  SOLO
-  STABLE



A NEW APPROACH TO ANTI-LIGATURE
HARDWARE DESIGN

The Signature Range by Kingsway Group

As thought leaders in mental health product design, Kingsway Group bring you the Signature Range. Designed with patients in mind, the Signature Range meets the stringent demands of mental health environments, merging safety with a range of modern aesthetic finishes to contribute to the healing environment through robust performance and elegant design.

The Signature Range combines contemporary design styles, underpinned by the robust performance of our Anti-Ligature Complete Door Systems to deliver distinguished finishes for modern facilities. The Signature Range is compatible with our SENTRY, SWING, SWITCH, SOLO, STABLE, STOW and SERVICE Complete Door Systems.



signature
Designed with patients in mind

Kingsway
Group



Malmö



Simplicity, minimalism, and functionality. Based on elegant Scandinavian design, Malmö is intended to bring calm to secure environments, using simple natural materials with clean recessed hardware to blend into the environment for a soothing and healing experience. Malmö offers a calming, simple, and tactile finish, making it suitable for CAMHS, LD, and ASD settings amongst others.

Manhattan



Drawing energy from the vibrant district of New York City, the Manhattan finish offers retro colours with art deco influences from an era of stunning elegance. Sweeping anti-ligature hardware provides excellent usability offering a lasting solution for long-term care or older adult facilities.

Mayfair



Where contemporary design meets traditional style. The Mayfair range takes inspiration from the chic London district to provide an elegant hotel-feel for mental health inpatient facilities. Contrasting dark wood finishes with sleek anodized hardware offer a classy finish for a non-institutional feel underpinned by robust design.

Mayfair



Manhattan



Malmö



FINISHES

Whilst colour isn't a solution to the difficulties service users face in mental health facilities, its potential to contribute to improving their well-being should not be ignored. At Kingsway Group, we offer an extensive range of finishes to help staff create a more welcoming and therapeutic environment.



Laminates

F 3091 Crystal White	F 2255 Polar White	F 2696 Super White	F 2274 Blanc Polaire	F 7949 Soft White	F 1040 Alpino	F 1534 Magnolia	F 2296 Sno White	F 2010 Malibu	K 2001 Baikal
F 7938 Glacier	F 7923 Surf	F 7934 Pearl	F 1531 Irish Cream	F 1192 Porcelana	F 7927 Folkestone	F 1994 Fox	F 1484 Steel	F 1093 Aries	F 2791 Silver
F 3050 Cygnet	F 7929 Oyster Grey	F 0547 Papyrus	F 7961 Fog	F 1535 Tornado	F 0189 Sparta	F 7902 Iron	F 7858 Pumice	F 8751 Mojave	F 7928 Mouse
F 7912 Storm	F 7924 Lead	F 2770 Sarum Grey	F 3202 Otter	F 2200 Dark Chocolate	F 0903 Cafe	F 7837 Graphite	F 2253 Diamond Black	F 2297 Terril	F 9266 Citadel
F 5342 Earth	F 0187 Kashmir	F 5344 Seed	F 7853 Ocean Grey	F 5343 Possum	F 7882 Pale Gold	F 2273 Seringa	F 7932 Antique White	F 2833 Sandstone	F 5348 Energy
F 2582 Lilac	F 0231 Peaceful Blue	F 1194 Iris	F 5493 Artice Blue	F 2962 Clementine	F 1238 Carnaval	F 1040 Alpino	F 0233 Heather	F 1019 Azur	F 7880 Thistle
F 1803 Tenere	F 3209 Sol	F 2824 Blaze Red	F 7845 Spectrum Red	F 0232 Juicy Pink	F 5346 Orchid	F 1485 Chrome Yellow	F 4155 Sun	F 3210 Levante	F 6902 Grenadine
F 0188 Beaujolais	F 7884 China Blue	F 6907 Amarena	F 7851 Spectrum Blue	F 2828 Tropical Blue	F 7940 Spectrum Yellow	F 4161 Terracotta	K 2005 Paprika	F 7966 New Burgundy	F 5345 Viola
F 6903 Cassis	F 2483 Ultramarine	F 3236 Avocado	F 4177 Lime	F 2966 Opal	F 5347 Maui	F 5341 Wasabi	F 8755 Lemon	F 5349 Fossil	F 7879 Dusty Jade
F 4172 Caribbean	F 7914 Marine Blue	F 7846 Grotto	F 7967 Hunter Green	F 3007 Pale Olive	F 6901 Vibrant Green	F 7897 Spectrum Green	F 1326 Capri	F 2478 Bermuda	F 1998 Oslo

Woods

F 8576 Blond Cedar	F 1004 Pale Ash	F 8579 Belvedere Beech	F 1549 Tromso Maple	F 8841 White Ash	F 8843 Natural Ash	F 3855 Clear Maple	F 2726 Natural Beech	F 0190 Finn Beech	F 8910 Raw Birchply

Woods

F 8585 Evergreen Oak	F 8844 Aged Ash	F 7921 Birch	F 5374 Elegant Oak	F 6149 Light Oak	F 5486 Classic Walnut	F 2884 Vosges Pear	F 1293 Redwood	F 5883 Pecan Woodline	F 5372 Vintage Wood
F 8853 Rural Oak	F 5887 Millennium Oak	F 7603 Bio-Oak	F 1079 Natural Oak	F 5370 Ivory Oak Cross	F 5483 Mocca Firwood	F 8583 Carpentry Oak	F 5782 Formal Walnut	F 6932 Macchiato Walnut	F 8847 Jarrah Legno
F 9012 Ebony	F 5373 Nocturne Wood	F 8589 Tula Oak	F 5872 Refined Walnut	F 8586 Cetina Walnut	F 8587 Peruca Walnut	F 8588 Nevada Oak	F 5873 Ventura Oak	F 8575 Dark Ash	F 1548 Mocha Cedar
F 1547 Noir Cedar	F 8839 Ashen Ribbonwood	F 8006 Avignon Walnut	F 0873 Ebony Ribbonwood	F 8848 Blackened Legno	F 5477 Ebony Oak Cross	F 5488 Smoky Brown Pear	F 8851 Classic Wenge	F 8552 Black Birchply	F 1614 Punga Punga Wood

Acrovyn Solids

949 White	801 Grey Cloud	136 Pearl Grey	16 Harvest Gold	11 Alpine Blue	223 Danube	9003 Snow White	24 Dove	162 Charcoal	17 Sherbet
112 Pacific Blue	129 Yale Blue	933 Mission White	26 Taupe	7039 Iron	845 Spectrum Red	879 Dusty Jade	520 Imperial Purple	100 Eggshell	105 Mocha
7024 Graphite	34 Zest	6033 Mint Turquoise	4005 Plum	101 French Cream	8019 Earth	108 Black	23 Spring Green	5018 Lagoon	12 Cobalt

Acrovyn Faux Wood & Metal

36 Bleached Oak	03 Beech	38 Smoked Oak	06 Brushed Aluminium	80 Nickel	02 Maple	39 Wenge	40 Burnt Oak	07 Carbon

Customisable Duralux Vision Panels,
bringing beautiful imagery to high
secure environments.



See more on page 72 or visit:
kingswaygroupglobal.com/duralux

REDUCED LEAD TIMES

Introducing KwikShip®

Introducing KwikShip® – a fast-tracked manufacturing schedule for a streamlined selection of Kingsway anti-ligature doorsets.

With KwikShip®, it's now possible to place an order and receive your anti-ligature doorsets on site in just 4 weeks!



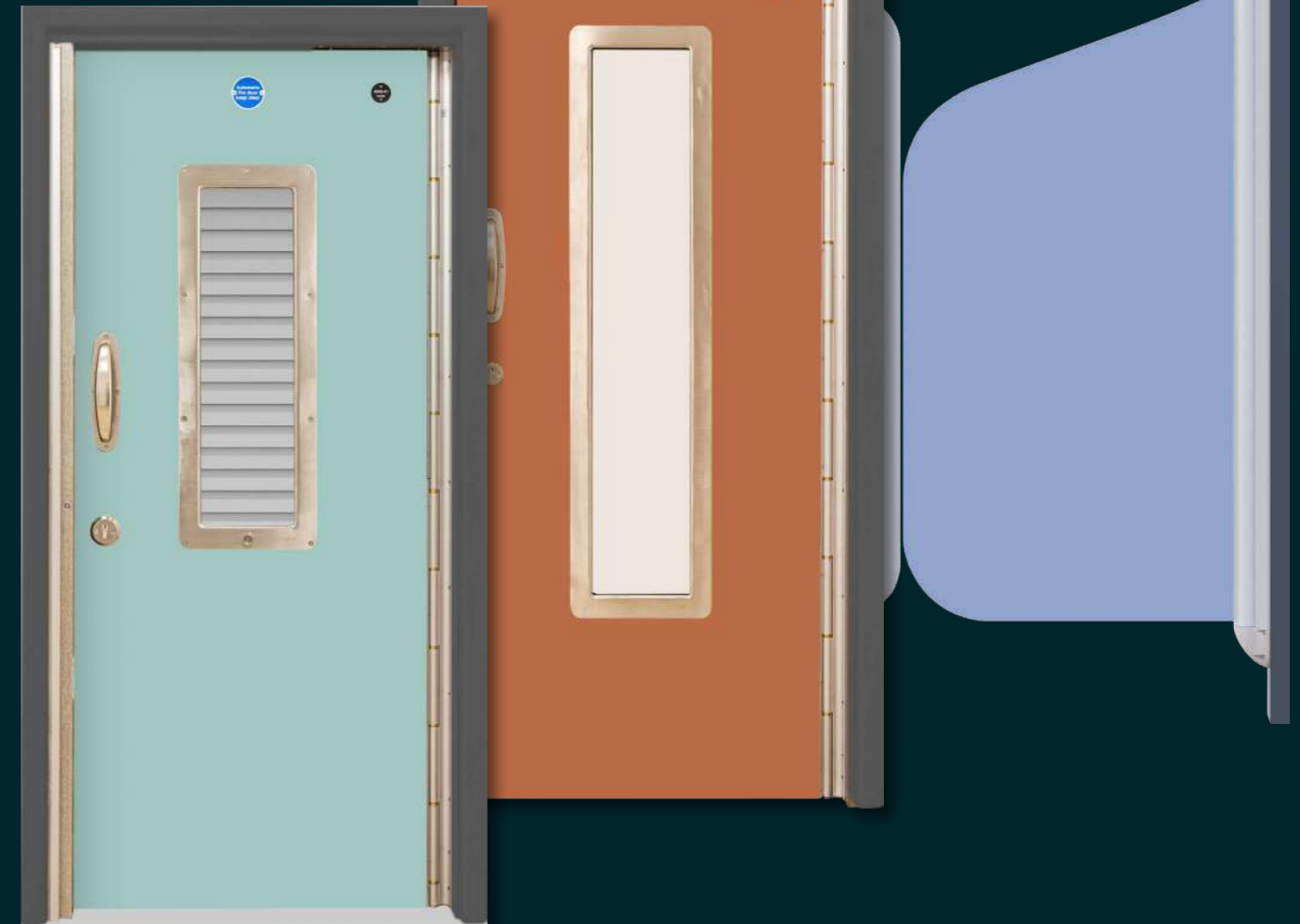
KWIKSHIP®

COMPLETE DOOR SYSTEMS IN 4 WEEKS

SHOWER

SOLO

SWING



Doorsets available on KwikShip®:



SWING Anti-Barricade Door System:

Providing quick access to service user rooms in emergency situations, staff can open SWING outwards in under 2 seconds to overcome a barricade scenario – with no need to retract the lock bolt first. See more on page 32.



SOLO Single Action Door System:

Offering a robust and durable solution for all single action doorset requirements within a mental health facility, SOLO reduces risk and improves patient safety in the most challenging environments. See more on page 40.



SHOWER Door System:

Protecting service user privacy and dignity while minimising risk, SHOWER offers a high-strength, non-institutional and shatterproof solution with excellent durability in wet environments. See more on page 34.

SWING & SOLO Finishes

-  White Oak
- Wood Effect
-  Rustic Oak
- Wood Effect
-  Driftwood
- Wood Effect
-  Polar White
- Laminate Colour
-  Brick Red
- Laminate Colour

-  Cafe
- Laminate Colour
-  Light Blue
- Laminate Colour
-  Yellow
- Laminate Colour
-  Olive Green
- Laminate Colour

SHOWER Finishes

-  White
- Colour
-  Beige
- Colour
-  Light Pink
- Colour
-  Light Green
- Colour
-  Light Blue
- Colour

KwikShip® Configurator

Streamline your procurement process and project planning with instant access to bespoke elevation drawings & specifications.

With the KwikShip® Configurator, you can now design your KwikShip doorset online and receive bespoke elevation drawings instantly.

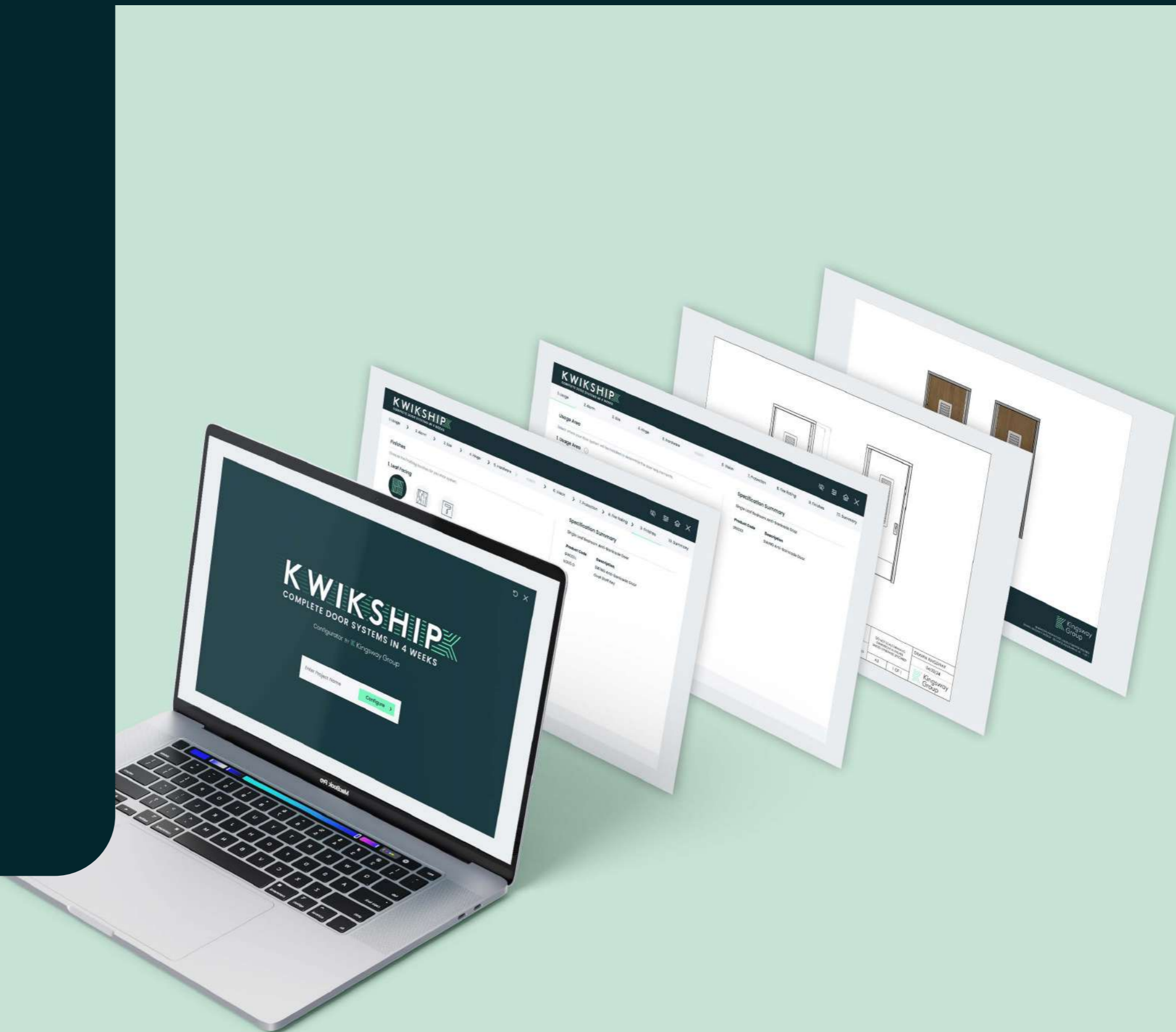
Simple to use

1. Follow the intuitive steps to configure your KwikShip® doorset.
2. Review your spec and submit your doorset!
3. Receive bespoke elevation drawings of your door within minutes.
4. We'll be in touch with your quote, and once it's approved, you'll receive your KwikShip Door System onsite in just 4 weeks' time.

Learn more about KwikShip®



Try the Configurator for yourself at:
www.kingswaygroupglobal.com/kwikship
or scan the QR code.



KOSMOS

SMART MONITORING SYSTEM

Helping you improve patient safety.

Following extensive research with many of our NHS Trust partners, the next generation patient monitoring software has been developed to allow clinical teams to fully monitor ligature alarms and record an audit trail of patient activity and staff observations.

In challenging mental health environments, it is critical staff are aware of door ligature incidents and the KOSMOS Smart Monitoring System ensures this by providing the next level of ligature alarm technology to enable swift clinical response.

In addition, KOSMOS logs a full audit trail of door activity, staff observations, and ligature alarm activations to provide management teams with invaluable data to help review patient care quality and highlight key trends on wards, such as service users leaving their rooms at specific times during the night or remaining in their room more than usual.



BBH
AWARDS 2023
1998-2023



Best Patient Safety Initiative 2023

An assistive technology to reduce service user risk

Early-warning indicators & room activity

KOSMOS continuously analyses live data streams to help staff identify potential signs of patient distress. Factors such as door tampering and frequent opening and closing of the door or vision panel are analysed on a room-by-room basis and presented to staff via a live, visual representation of room activity.

This feature can help staff identify early-warning indicators that an incident may be about to occur, allowing for proactive intervention before a ligature attempt takes place. Further, the room activity display can assist during staff changeover, providing a clear and visual representation of ward activity to new staff on the ward.

Alarm triggering and door isolation

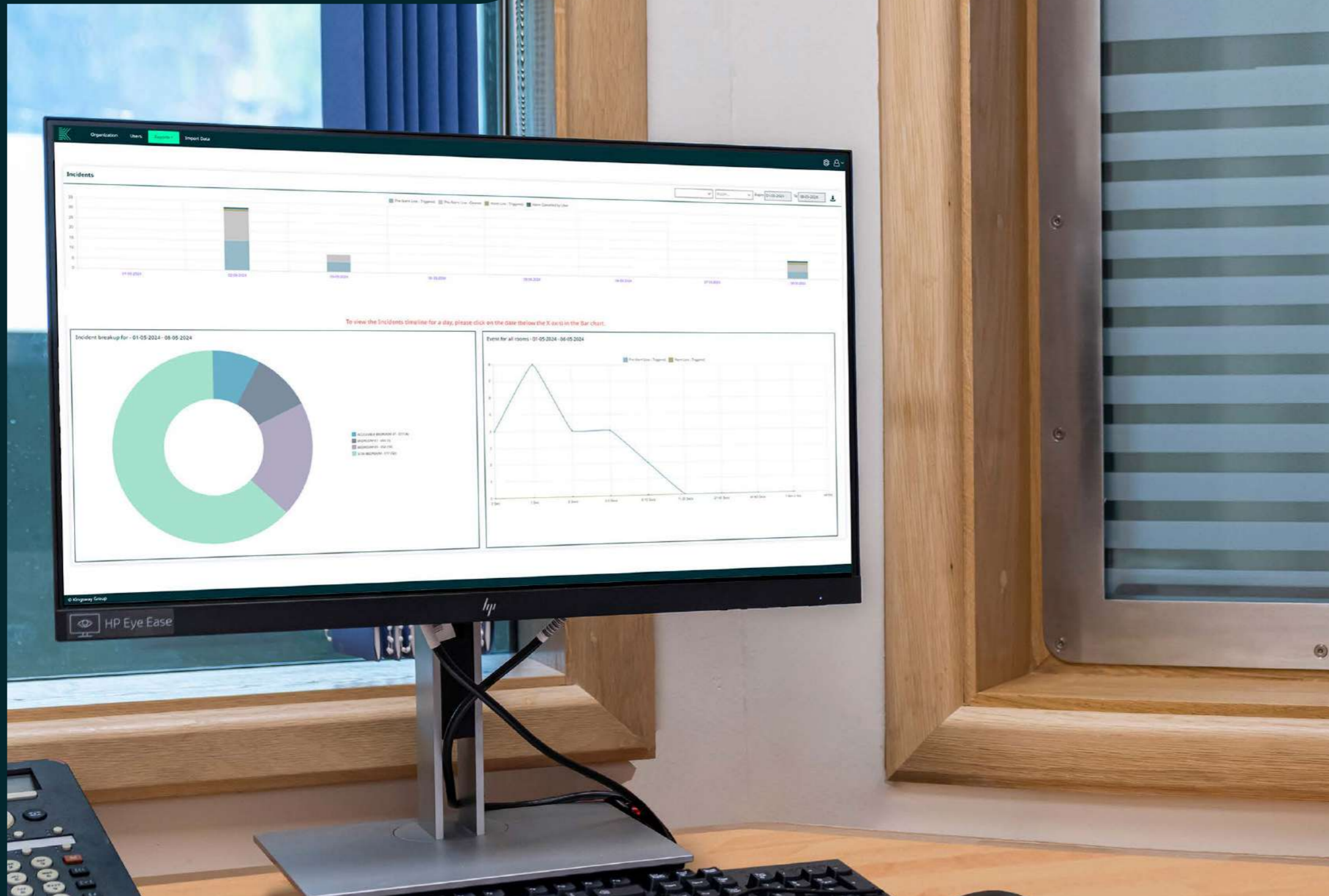
The KOSMOS interface provides live status monitoring for each ligature alarmed doorset within the ward. If a ligature is detected, the KOSMOS interface will display the exact location of the ligature incident and trigger an audible and visual alert to allow for quick clinical response.

If a ligature alarmed door has been isolated, e.g. for door maintenance purposes or if a service user has been placed under constant observation, the KOSMOS software will clearly indicate the door alarm is not being monitored. Ward staff can then reactivate the status monitoring when intended.

Advanced reporting and analysis

KOSMOS' complete audit trail allows for improved reporting and analysis, providing a timestamped history of alarm activations along with door openings and vision panel activations that can help indicate when observations took place. This data, remotely accessible via the KOSMOS Cloud, can assist management teams in ensuring and documenting due diligence, as well as highlighting potential areas for concern that need to be addressed.

The next-generation ward monitoring software, supporting clinical teams in improving patient safety.



KOSMOS

SMART MONITORING SYSTEM

BY Kingsway Group

User friendly interface and bespoke floorplan

The KOSMOS software provides clinical teams with a visual representation of the ward via a bespoke floorplan with a live monitoring interface that clearly displays the alarm status of each ligature alarmed door within the ward.

Fault detection and testing reminders

With life-critical systems it is vital that any faults are promptly detected and rectified. KOSMOS monitors its own network and can detect faults within the system, whilst built-in reminders let staff know when to test the alarmed doors within the ward.

Full integration

KOSMOS seamlessly integrates with Kingsway's ligature alarmed door systems and K-Alert Alarm Annunciation System (see page 66). In addition, KOSMOS will work with all major annunciation systems, including SAS, Pinpoint and Guardian.

Complete audit trail

KOSMOS logs a full audit trail of door and vision panel activity, providing clinical teams with valuable data for future review to help highlight potential problem areas.

Remotely accessible, secure data via the KOSMOS Cloud

The complete audit trail of data is uploaded daily to the KOSMOS Cloud; a secure and remotely accessible online portal in which the Trust or facility can review, filter and export data.

KOSMOS training for staff

Kingsway Group provide full training to staff on KOSMOS to ensure its functions are completely understood. Bespoke training will be provided as well as online resources, including video and written guides, for access by staff at any time.



K-ALERT

With feedback from Mental Health Trusts revealing growing safety concerns around wireless annunciation systems in live ward environments, we are pleased to now offer the hard-wired K-Alert Alarm Annunciation System to work alongside your Kingsway ligature monitor alarms.



One point of contact: Your Partner in Patient Safety


The arrival of K-Alert by Kingsway Group means that mental health facilities need just one point of contact for their anti-ligature doorsets and ligature alarm annunciation system. As a tried-and-tested solution, the K-Alert Alarm Annunciation System makes sure that staff are correctly alerted when an alarm is triggered.


- State-of-the-art alarm annunciation system for use with Kingsway ligature monitors
- Clear audible and visual alert when an alarm is triggered
- Screen indicates location of alarm incident for swift clinical response
- Simple key-controlled reset and isolation functions
- Established alarm test and fault procedure
- Staff training provided by Kingsway Group
- Full integration with Kingsway's KOSMOS Smart Monitoring System (see page 60)

SERENITY


A new Kingsway Group innovation, the SERENITY interactive panel utilises the latest technology to support service user wellbeing in mental healthcare environments.





 Schedule

 Personalise


 Videos


 Check-in


 Roomscapes

 Photos

 Games

 Draw

 Music

 Lights

Giving control back to service users

SERENITY's intuitive and customisable user interface allows the service user to personalise their environment, providing an improved sense of control and aiding relaxation in what can be a challenging setting.

From controlling the integrated coloured lighting system, to selecting their own theme and calming background sounds, SERENITY helps the service user make their environment their own.

Ensuring suitability on a case-by-case basis

SERENITY's staff-only software backend allows clinical teams to determine which features a service user will have access to, ensuring suitability for service users on an individual basis.

Addressing service users' privacy concerns

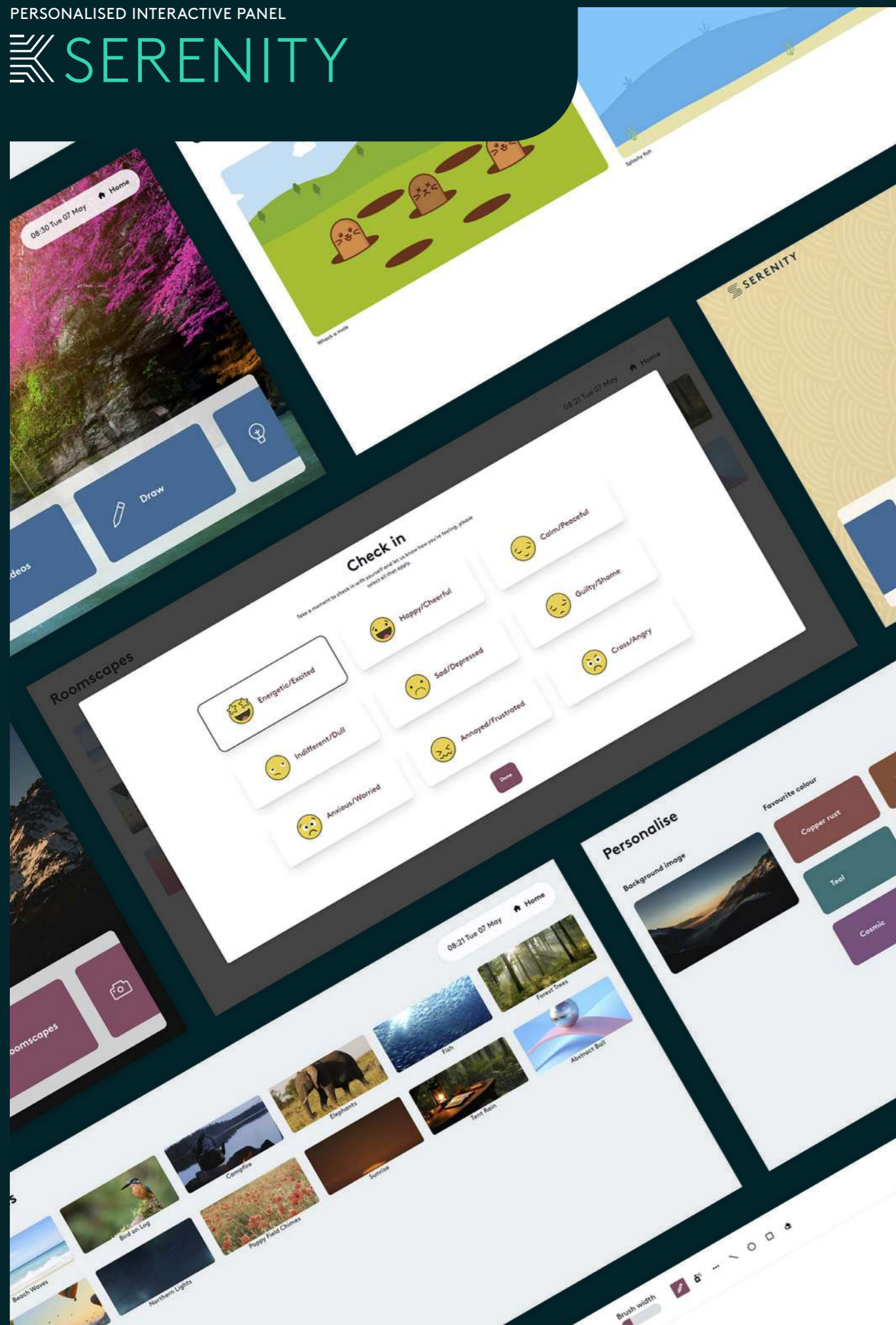
Engagement with Experts by Experience during the design process highlighted the critical need to ensure any service user privacy concerns were accounted for and addressed. For this reason, the conscious decision was made to rule out the use of cameras and/or microphones, ensuring there should be no concerns around the panel listening to or watching the user.

Contributing to a calming, therapeutic space

Acting as a window to serene landscapes, the panel features a wide selection of 'roomscapes', introducing calming and evolving imagery to aid relaxation and de-escalation within clinical environments. The roomscape visuals are accompanied by changeable coloured lighting and soothing background sounds, serving as something for the service user to focus their attention on or equally as a distraction.



Launched at
DiMH 2024!



Robust, anti-ligature, yet non-institutional design

Through extensive refinement and product testing, the SERENITY panel successfully delivers an elegant and homely appearance while maintaining high-strength, anti-ligature design. 10mm toughened and shatterproof glass ensures safety risks are further minimised.

Supporting, not replacing communication

SERENITY's 'Check In' feature allows the service user to select how they are feeling (at their own discretion) from a range of emotions. The feature aims to support proactive communication between the service user and clinical staff to help diffuse heightened states of emotion.

Supporting routine and planning

An integrated schedule application assists service users with tracking and planning their days, offering a sense of ownership over their routine while helping to smooth transitions between activities. Staff can upload pdf files to the schedule application, allowing the service user to receive information.

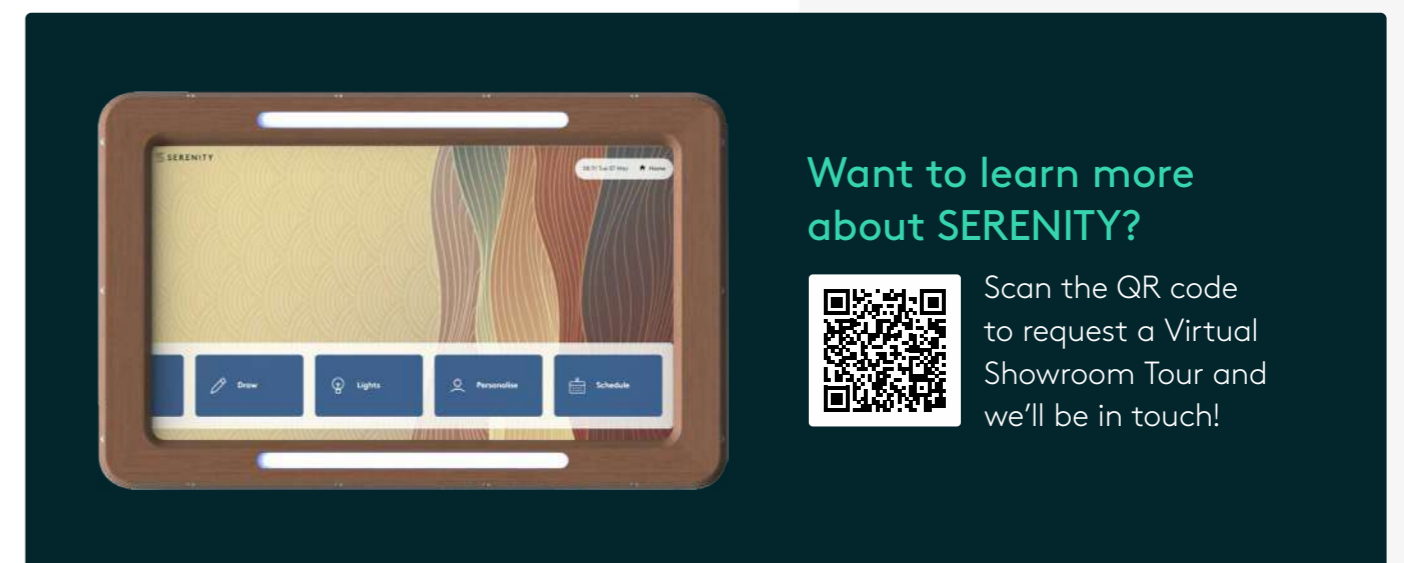
Safe entertainment in a clinical environment

A selection of interactive games and an intuitive drawing application provide light forms of entertainment while encouraging creativity, something which can help towards expressing or processing emotions in a positive manner.



Technical Specifications

- 10mm Toughened Glass
- Hardwood surround with selection of finishes
- 32" Display
- Dimensions: 75cm x 45cm
- Horizontal orientation
- Integrated lighting system
- Integrated speaker
- Ingress protection IP64
- Bespoke SERENITY Software



Want to learn more about SERENITY?



Scan the QR code to request a Virtual Showroom Tour and we'll be in touch!

CUSTOMISABLE

VISION PANELS

Our range of double-sided Vision Panels offer bespoke fire rated solutions for the most challenging mental health environments. From our Duralux Secure Vision Panel - the most trusted observation solution for UK facilities - to our Visilux Privacy Vision Panel, an observation solution is available for low through to high secure mental health facilities.

As part of our commitment to helping mental health facilities deliver less institutional spaces, our range of vision panels offer extensive customisation and personalisation possibilities.

From bespoke imagery to a wide choice of coloured finishes, our Vision Panels help contribute to the healing environment whilst providing the robustness and durability demanded.



DURALUX

VISILUX

PYROLUX

PANORAMA

SERENITY



ULTIMATE HIGH SECURE VISION PANEL

DURALUX

Duralux is the original high-strength double-sided secure vision panel for challenging environments. Combining stainless steel pressed fascia with high-strength Trident attack-resistant glazing, it offers our most durable solution for patient observation in mental health facilities whilst retaining privacy. All with a lifetime guarantee.



Enhanced safety and security

Two panels of high-strength attack resistant glazing are securely sealed between two pressed steel fascia to provide a highly durable and robust anti-ligature observation solution. Unique to Kingsway Group, the operating mechanism is housed within the steel fascia to ensure optimum strength.

Design and sizing options

Duralux is available with a customisable powder coat or wrapped finish to the fascia and with bespoke colour and imagery options for the vision bands to help contribute to a more therapeutic environment. Duralux is available in square and oblong sizing (405mm x 405mm & 800mm x 250mm as standard) with bespoke sizing options where required.

For vision panel layout options, please see page 80.

To the patient side:

- Pressed stainless steel fascia with no visible fixings
- Optional anti-ligature thumb turn
- Trident 19mm toughened attack resistant glass to EN356

To the staff side:

- Recessed square or oval key operation
- Trident 10mm toughened glass
- Pressed stainless steel fascia with M5 security bolts

Function options:

Duralux can be made to operate from both sides or just one, controlled by either a staff key or thumb turn with a choice of 'hold open' and 'auto-close' functions.



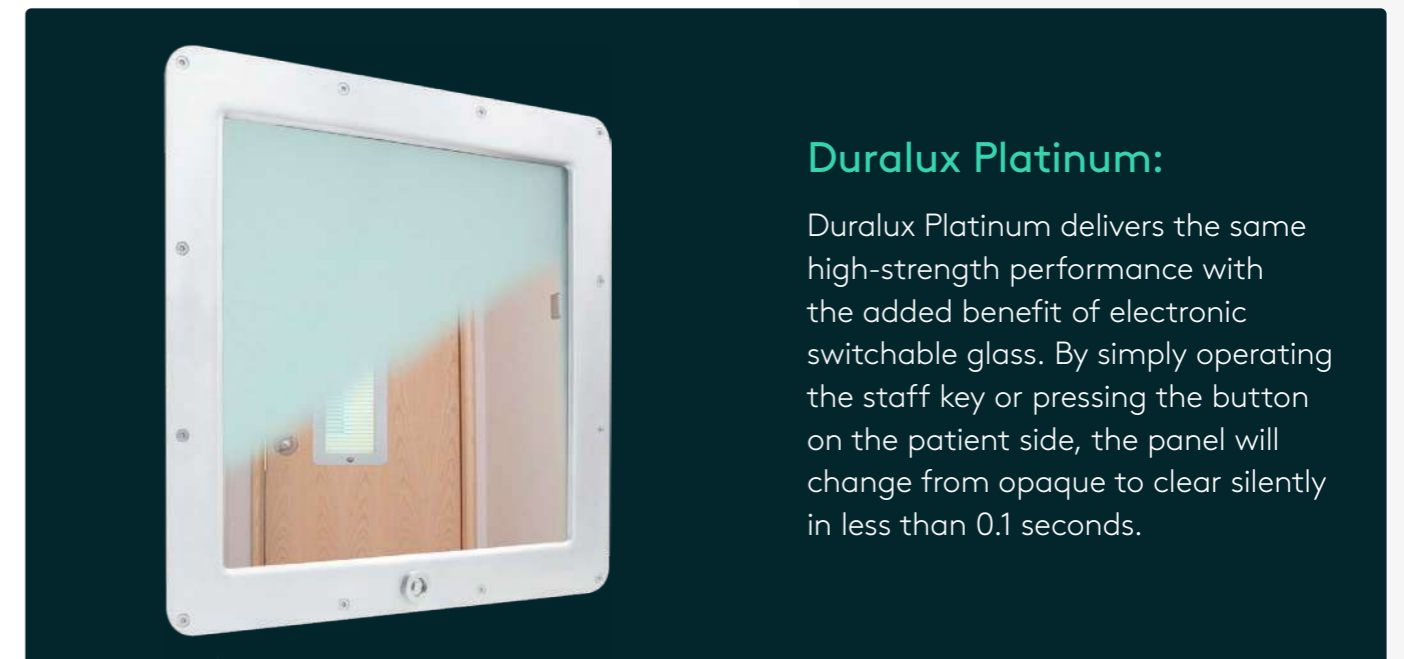
Technical Specifications

Endurance Testing:

Tested to recommended Department of Health Medium Secure standards, see page 14 for more details on our testing standards.

Fire Rating:

FD30 rated in 44mm doors
FD60 rated in 54mm doors



Duralux Platinum:

Duralux Platinum delivers the same high-strength performance with the added benefit of electronic switchable glass. By simply operating the staff key or pressing the button on the patient side, the panel will change from opaque to clear silently in less than 0.1 seconds.

VISILUX

The Visilux Privacy Vision Panel combines toughened glass and top quality stainless steel components within a timber frame to deliver a versatile and robust double-sided observation panel that compliments the healing environment.



Safe and controllable observation

With its softened edges, rounded anti-ligature thumb turn and FD30 fire rating, the Visilux Privacy Vision Panel provides a safe and effective observation solution for lower secure mental health environments where a more homely feel is desired.

Design and sizing options

Visilux's timber beading frame is available in a range of finishes whilst the vision panel bands can be customised with bespoke colour choices and images. Visilux is available in square and oblong sizing (405mm x 405mm & 800mm x 250mm as standard) and can be manufactured to bespoke sizes to suit the required aperture.

For vision panel layout options, please see page 80.

To the patient side:

- Optional anti-ligature thumb turn or DDA lever
- Trident 6mm, 10mm or 19mm toughened glass
- Timber bead frame with no visible fixings

To the staff side:

- Square or oval key operation
- Trident 6mm, 10mm or 19mm toughened glass
- Secured with timber beads and security bolts

Function options:

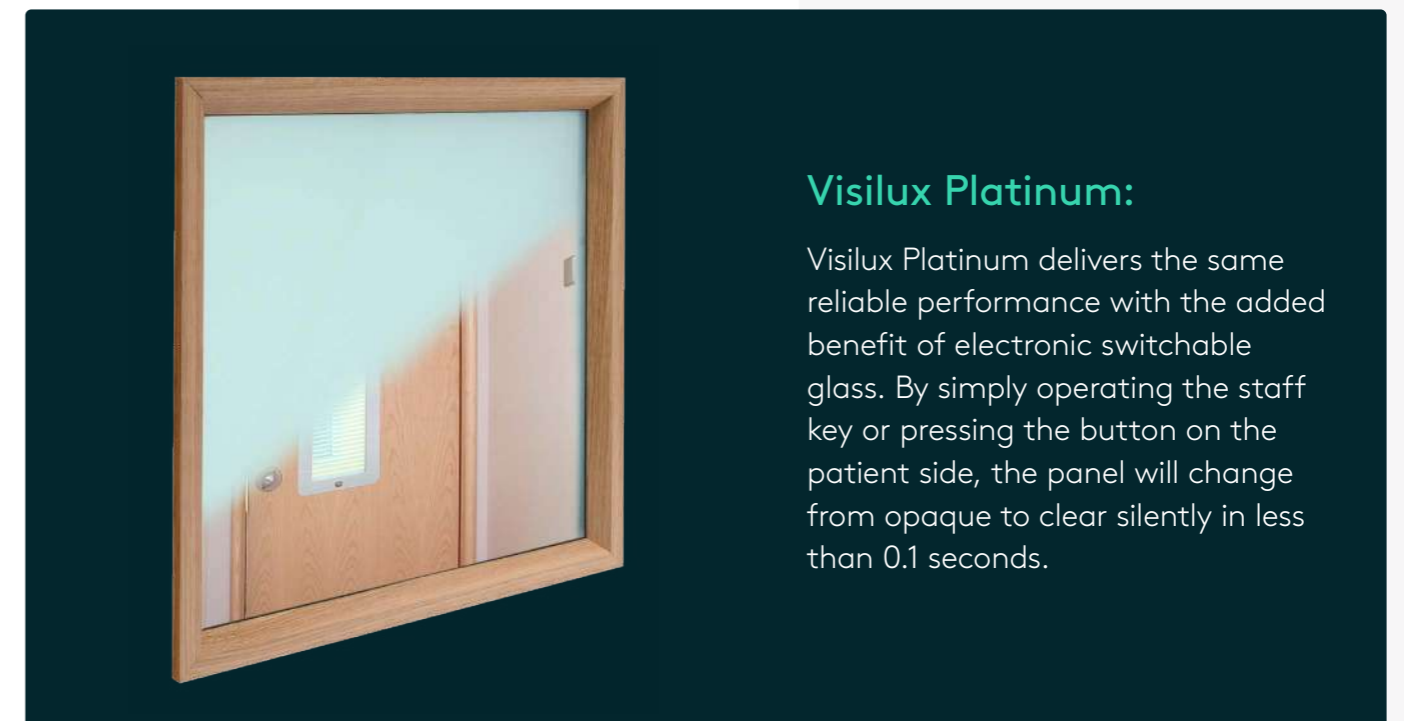
Visilux can be made to operate from both sides or just one, controlled by either a staff key or thumb turn with a choice of 'hold open' and 'auto-close' functions.



Technical Specifications

Fire Rating:

FD30 in 44mm doors



Visilux Platinum:

Visilux Platinum delivers the same reliable performance with the added benefit of electronic switchable glass. By simply operating the staff key or pressing the button on the patient side, the panel will change from opaque to clear silently in less than 0.1 seconds.

CASE STUDY

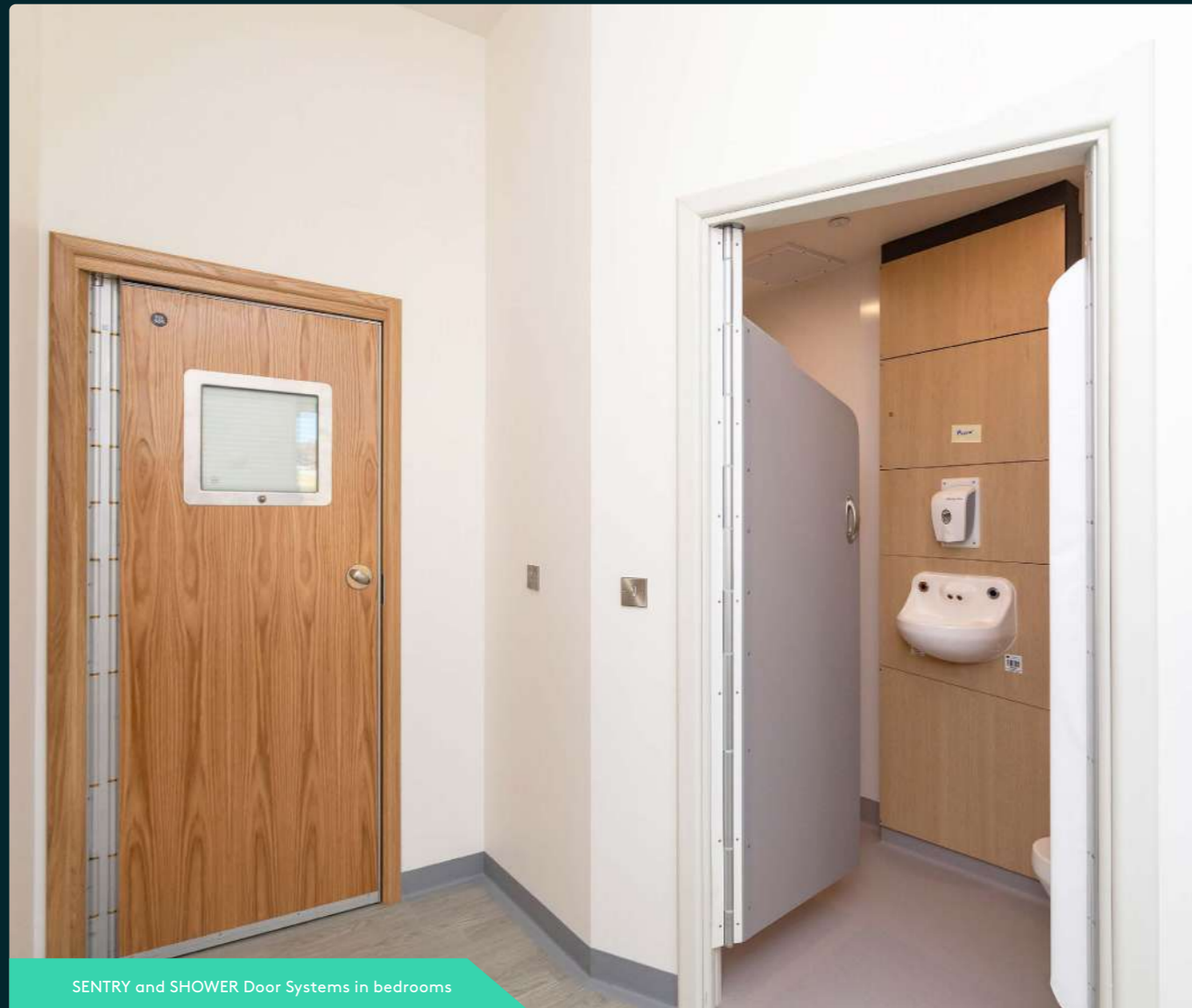
Psychiatric Intensive Care Unit at Downshire Hospital, NI

Opened in 2023, Kingsway Group helped South Eastern Health and Social Care Trust deliver the state-of-the-art Psychiatric Intensive Care Unit (PICU) serving the local area in Downpatrick, Northern Ireland.

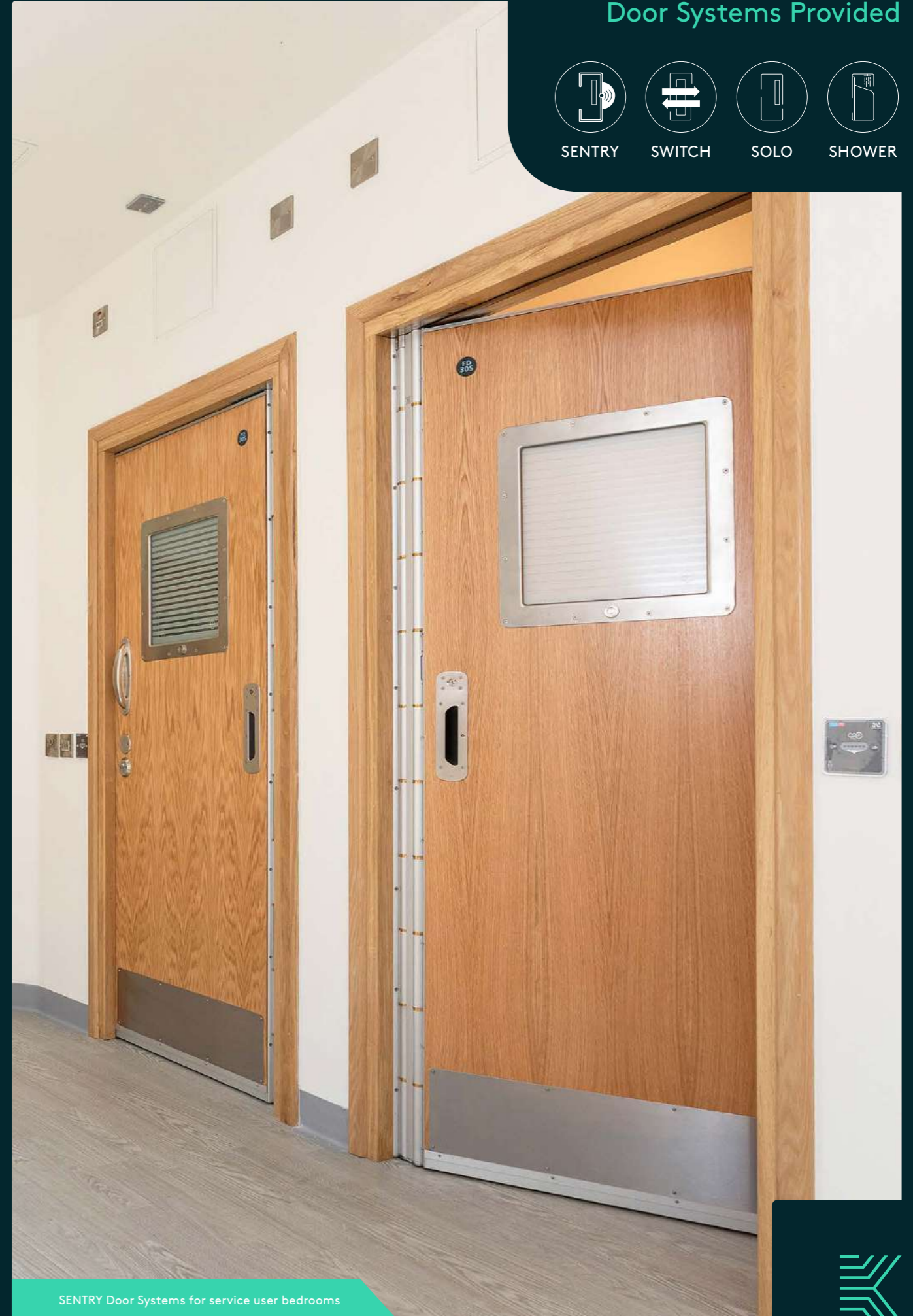
To help reduce risk and improve service user safety, our SENTRY Complete Door Systems with full door edge ligature alarms were selected to monitor and alert staff to ligature attempts against any of the door edges, whilst SENTRY's anti-barricade capabilities provide staff with a swift and safe means of overcoming barricading incidents. The installation of SENTRY at the Downshire PICU marked the first time South Eastern Health and Social Care Trust had incorporated ligature alarmed doors into their risk management strategy.



SOLO Door System with Pyrolux clear glazed Vision Panel



SENTRY and SHOWER Door Systems in bedrooms



Door Systems Provided

- SENTRY
- SWITCH
- SOLO
- SHOWER

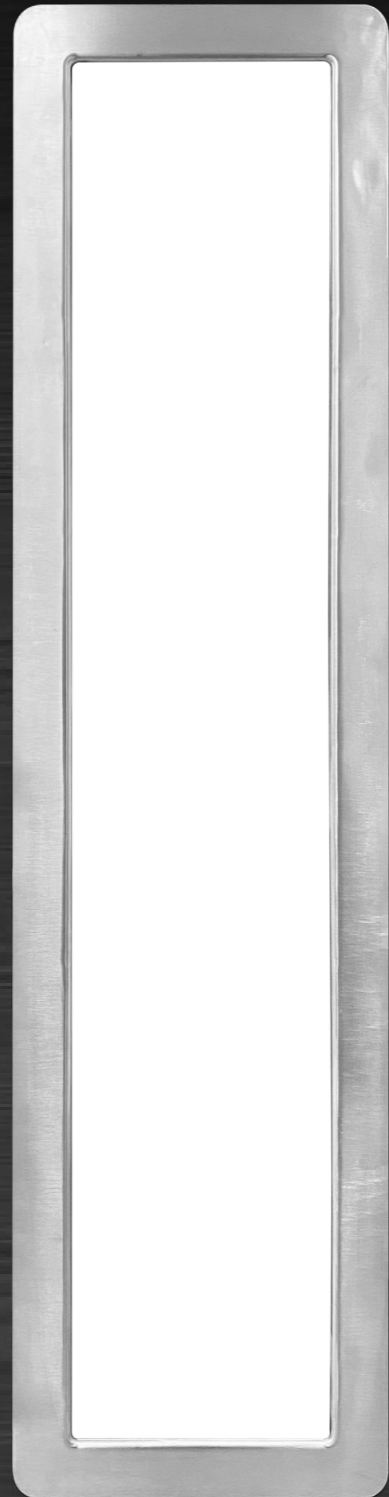
SENTRY Door Systems for service user bedrooms



FIRE RATED CLEAR GLAZED VISION PANEL

PYROLUX

Pyrolux vision panels are designed for use in secure healthcare environments and combine two layers of Trident attack-resistant glazing with highly durable pressed stainless steel fascia for lasting performance.



Enhanced safety and security

The high-strength attack resistant clear glazing is securely sealed between two pressed steel fascia to provide a highly durable and robust vision panel solution.

Design and sizing options

Pyrolux is available with a customisable powder coat or wrapped finish to the fascia to help suit the aesthetics of the environment. It is available in the following square and oblong sizing options as standard, with bespoke sizing options available where required.

Standard sizing:

- 500 x 200mm
- 800 x 200mm
- 500 x 500mm
- 800 x 500mm
- 1370 x 320mm

To the patient side:

- Pressed stainless steel fascia with no visible fixings
- Trident 19mm toughened attack resistant glass to EN356

To the staff side:

- Pressed stainless steel fascia with M5 security bolts
- Trident 19mm toughened attack resistant glass to EN356



Technical Specifications

Endurance Testing:

Tested to recommended Department of Health Medium Secure standards, see page 14 for more on our testing standards.

Fire Rating:

FD30 rated in 44mm doors
FD60 rated in 54mm doors



Pyrolux Timber Bead System:

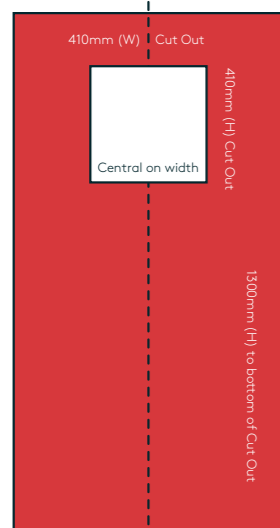
The Pyrolux Timber Bead System is designed for lower secure areas with a range of customisable finishes whilst offering good robustness.

VISION PANEL LAYOUTS

Duralux and Visilux Privacy Vision Panel Positions:

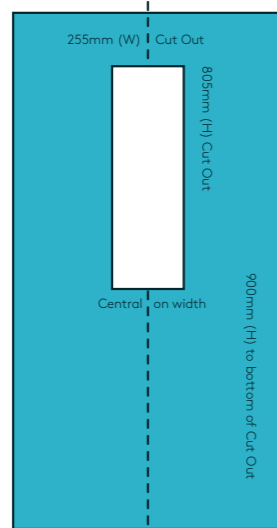
Square

VP Cut Out Central Across Leaf Width



Model Numbers:
D4400, D4401, D4402, D4403, D4404, D4500, D4501, D4502, D4503, D4504, V4400, V4401, V4402, V4403, V4404

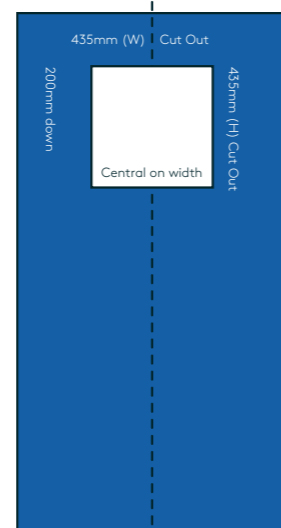
Oblong



Model Numbers:
D8400, D8401, D8402, D8403, D8404, D8500, D8501, D8502, D8503, D8504, V8400, V8401, V8402, V8403, V8404

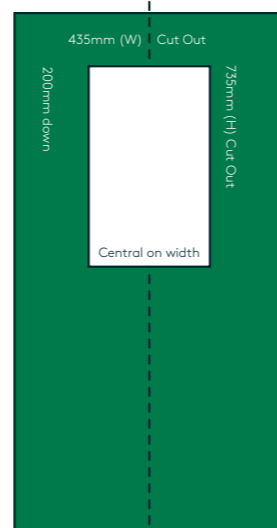
Pyrolux Clear Vision Panel Positions:

Square



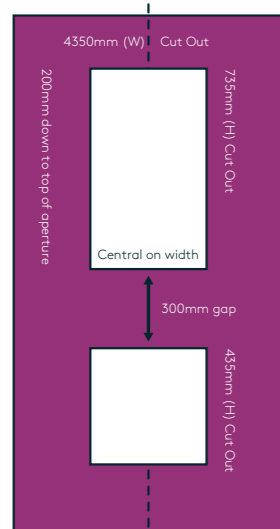
Model Numbers:
P5050, P5055

Oblong

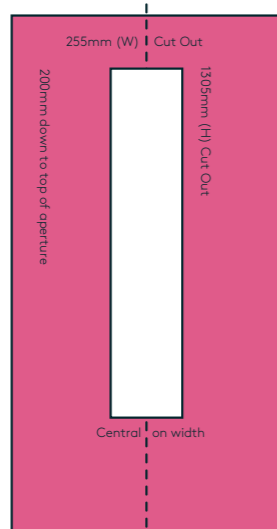


Model Numbers:
P8050, P8055

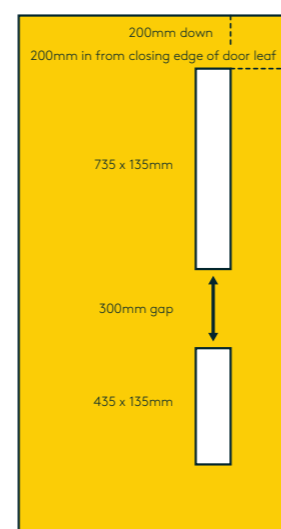
Pyrolux Clear Vision Panel Positions:



Model Numbers:
P8050, P8055 – Upper VP
P5050, P5055 – Lower VP

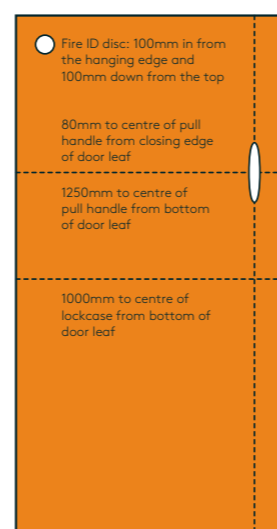


Model Numbers:
P1330, P1355



Model Numbers:
P8020, P8025 - Upper VP
P5020, P5025 - Lower VP

Hardware positions:



Assisting staff through smart technology.



See more on page 60 or visit:
kingswaygroupglobal.com/kosmos

ULTIMATE OBSERVATION SOLUTION

PANORAMA

Our Panorama secure glazed screen offers the ultimate solution for observation through a wall in challenging mental health environments, capable of providing staff with a wide field of vision for a safe and effective means of observation.



Design options

Panorama features a hardwood timber surround with a bullnose edge on the staff side, whilst the service user side delivers exceptional durability through a pressed stainless steel fascia.

Trident 19mm Glass

As standard, the Panorama Vision Panel is fitted with 19mm Trident attack resistant glass for exceptional robustness. The glass is inserted into the timber frame rebate whilst the pressed stainless steel fascia secures it in place.

Trident 19mm Glass & Lumex Switchable Glass

A Lumex switchable glass panel can be fitted to the staff side of the Panorama unit with the ability to silently switch from opaque to transparent at the touch of a button, offering an excellent solution for maintaining privacy in areas where observation is necessary.



Technical Specifications

Panel size options

Panorama offers the solution where a large observation panel is required. It is available in bespoke sizing options from 300 x 300mm up to 2400 x 1200mm.



Bespoke Panorama Duralux Wall Panel

Combining the capabilities of our Duralux High Secure Vision panel with the Panorama to provide a bespoke solution for observation through a wall whilst retaining privacy when required. Controlled by the Kingsway Staff Key or an anti-ligature thumb turn to provide controlled and safe observation.

INNOVATIVE ANTI-LIGATURE

HARDWARE

Our range of anti-ligature hardware and ancillary products are designed to improve the safety of both staff and service users within the most challenging mental health environments.

With a wide variety of Locksets, Hatches, Washroom products and more, we are able to deliver the correct bespoke solutions for any project's unique requirements.

Our anti-ligature hardware products combine elegant design with functional performance to help contribute to the therapeutic environment whilst reducing risk.

For a full list of the products we offer, visit:
kingswaygroupglobal.com/products



ACCESS CONTROL

DOOR HANDLES

HATCHES

HOOKS AND DOOR STOPS

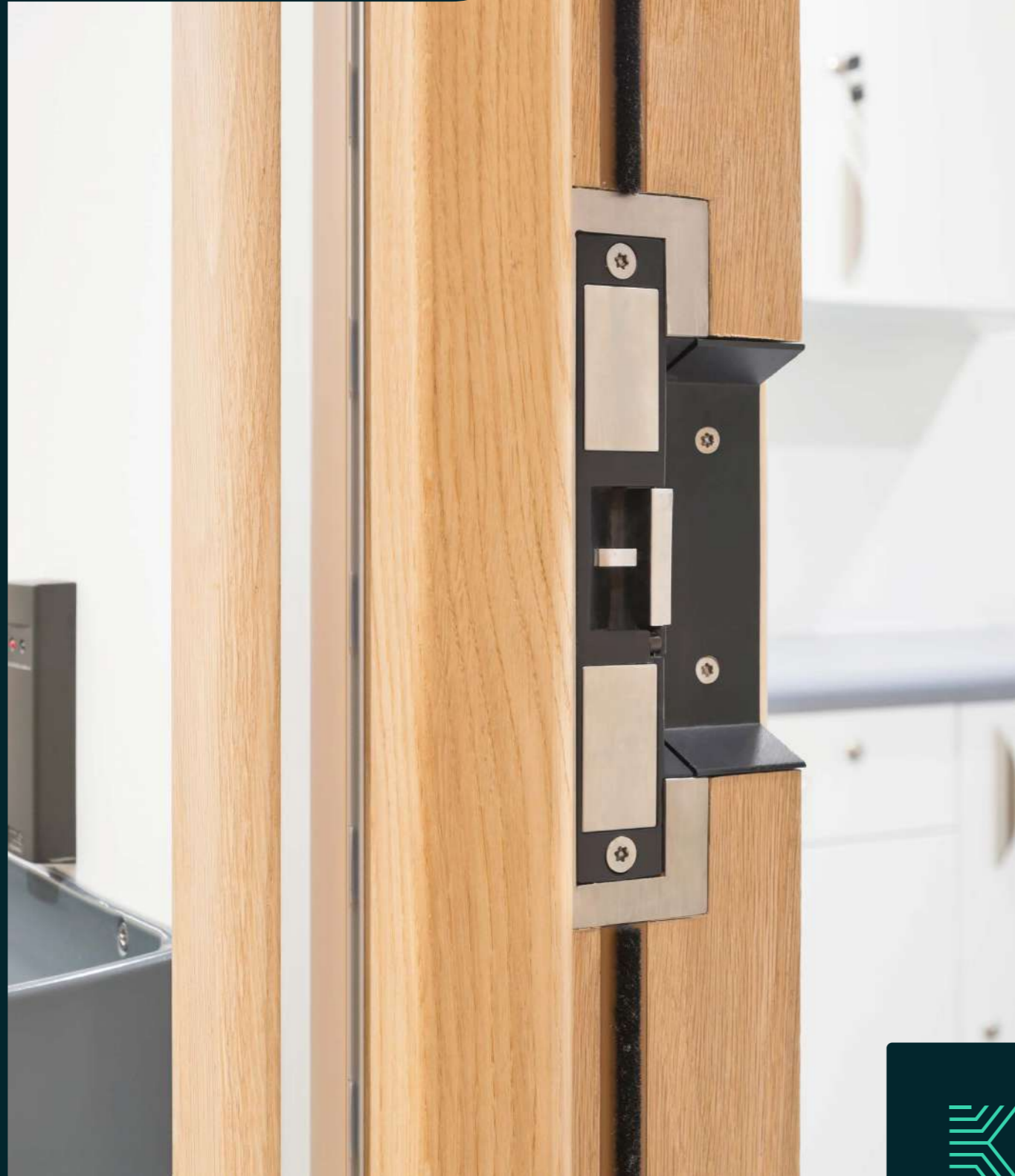
LOCKSETS

CLOSERS



ACCESS CONTROL

Our access control devices provide the solution where security is a key consideration and access is to be permitted by authorised persons only.



Available as part of a Complete Door System only

KG222 Anti-Ligature Mag Lock Housing

A robust mag lock solution providing an overall holding force of 1200kg for use where security is a key consideration. It is suitable for single action doors and can be operated by a wall mounted switch or a staff fob, as well as automatically unlocked during fire alarms.

More info:
kingswaygroupglobal.com/kg222



Available as part of a Complete Door System only

KG240 High Secure Electric Strike Release

An electric strike release designed for high secure environments. It can be operated by a wall mounted switch or a staff fob, as well as automatically unlocked during fire alarms. The KG240M version has the ability to monitor whether the door is engaged and can detect tampering to its release device.

More info:
kingswaygroupglobal.com/kg240



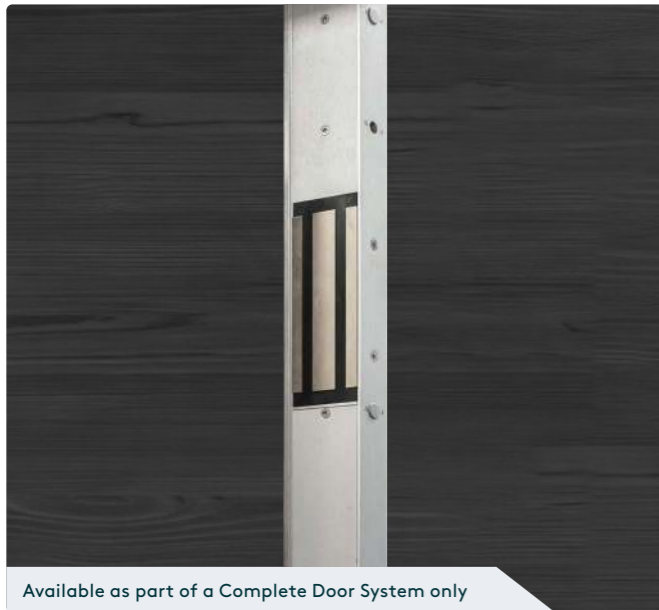
Available as part of a Complete Door System only

KG245 Secure Electric Strike Housing

A high-strength housing for the KG240 High Secure Electric Strike Release for greater durability and easier maintenance.

More info:
kingswaygroupglobal.com/kg245





Available as part of a Complete Door System only

KG244 Twin Mag Lock - Vertical Frame Mounted

A vertically mounted twin mag lock unit providing a high level of security with two magnetic locks possessing a holding force of 600kg each. It can be operated by a wall mounted switch or a staff fob, as well as automatically unlocked during fire alarms.

More info:
kingswaygroupglobal.com/kg244



Available as part of a Complete Door System only

KMG01 Overhead Mag Lock

A horizontally mounted mag lock providing a holding force of 500kg suitable for single action doors. It can be operated by a wall mounted switch or a staff fob, as well as automatically unlocked during fire alarms.

More info:
kingswaygroupglobal.com/kmg01



Available as part of a Complete Door System only

KMG02 Overhead Twin Mag Lock

A horizontally mounted twin mag lock unit providing an overall holding force of 1000kg suitable for single action doors. It can be operated by a wall mounted switch or a staff fob, as well as automatically unlocked during fire alarms.

More info:
kingswaygroupglobal.com/kmg02



PRODUCTS

HANDLES

Our range of Handles are designed to offer exceptional grip and durability whilst retaining anti-ligature design to ensure risk is reduced.





KG30 Anti-Ligature Easygrip Pull Handle On Back Plate

A compact anti-ligature handle with a shaped back plate to enhance the overall appearance and help create a modern environment, designed to give excellent grip whilst remaining safe for installation in all user group areas.

More info:
kingswaygroupglobal.com/kg30



KG80 Recessed Pull Handle

An anti-ligature recessed pull handle that gives good grip to the user with slim, flush mounting to the door leaf making it ideal for use in patient accessible areas.

More info:
kingswaygroupglobal.com/kg80



KG40 Anti-Ligature Ergogrip Handle On Back Plate

A stylish and modern anti-ligature pull handle that offers excellent grip, supplied on a large radiused-end finger plate with chamfered edges and countersunk fixing holes.

More info:
kingswaygroupglobal.com/kg40



KG91 Anti-Ligature Lever Handles Half Set

A slim-design anti-ligature lever suitable for those with impaired manual dexterity. The stainless steel handle offers great durability and provides an anti-ligature solution for latch door furniture. Also available as a full set under KG90 specification.

More info:
kingswaygroupglobal.com/kg91



KG60 Anti-Ligature Classic Grip Handle On Back Plate

A solid anti-ligature handle with a large finger grip area to aid those with impaired manual dexterity. KG60 is supplied on a large chamfered finger plate with radiused ends and countersunk fixing holes.

More info:
kingswaygroupglobal.com/kg60



HATCHES

Our range of Hatches are designed for use in the most challenging environments and offer secure solutions to dispensary or serving requirements without needing to open the door leaf.



KG160 Anti-Ligature Wall Mounted Rotating Food Hatch

A wall mounted anti-ligature food hatch with a rotating unit to provide a secure food serving solution, capable of allowing 220mm items to be passed into a room without risk of sight or contact. It is secured with security bolts on the staff side with no visible fixings on the patient side.

More info:
kingswaygroupglobal.com/kg160

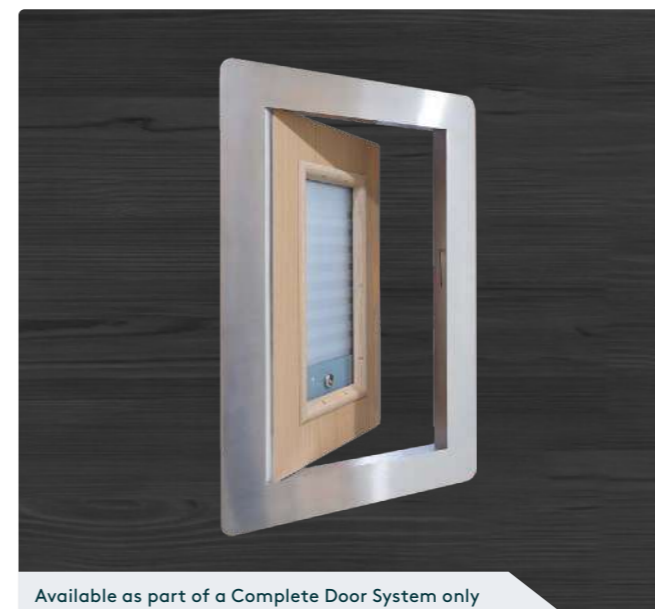


KG165 Secure Food Hatch With 3-Point Lock

A high-secure, auto-locking hatch fitted to doors to provide a secure tray serving solution without needing to open the door. It can allow 374mm items to pass through and is secured with security bolts on the staff side with no visible fixings on the patient side.

More info:
kingswaygroupglobal.com/kg165

Available as part of a Complete Door System only



KG171 Clinic Room Hatch with Vision Panel

A secure door hatch with Vision Panel to provide a safe serving solution with observation capabilities. The hatch allows items to be passed out of a secure room without needing to open the door leaf. It is flush to the patient side with no visible fixings and can be fitted with a serving shelf to the staff side.

More info:
kingswaygroupglobal.com/kg171

Available as part of a Complete Door System only



PRODUCTS

HOOKS & DOOR STOPS

Our anti-ligature Hooks and Door Stops take into consideration the finest of details to help clinical teams further reduce ligature risk within mental health facilities.



KG177 Anti-Ligature Dual Coat Hook Rack

An anti-ligature dual coat hook rack with a low load release threshold suitable for patient areas. The flexible rubber hooks have a high silicone content for durability and will support items such as coats or towels before releasing under additional weight.

Available colours:

Black, Blue, Cream, Grey, Beige

More info:

kingswaygroupglobal.com/kg177



KG178 Anti-Ligature Quad Coat Hook Rack

An anti-ligature coat hook rack suitable for patient areas featuring four flexible rubber hooks with low load release thresholds. The rubber hooks have a high silicone content for durability and will support items such as coats or towels before releasing under additional weight.

Available colours:

Black, Blue, Cream, Grey, Beige

More info:

kingswaygroupglobal.com/kg178



KG180 Anti-Ligature Single Coat Hook

A single anti-ligature coat hook suitable for patient areas with a low load release flexible rubber hook. The rubber hook has a high silicone content for durability and will support items such as coats or towels before releasing under additional weight.

Available colours:

Black, Blue, Cream, Grey, Beige

More info:

kingswaygroupglobal.com/kg180





KG181 Anti-Ligature Door Stop Floor Mounted

An anti-ligature floor mounted door stop manufactured from stainless steel with high impact rubber, designed to protect doors and surfaces from damaging each other.

More info:
kingswaygroupglobal.com/kg181



KG182 Anti-Ligature Door Stop Wall Mounted

A wall mounted door stop with a high impact rubber dome set in a stainless steel surround. The door stop prevents damage between door handles and walls whilst being anti-ligature by design.

Available colours:
Black, Blue, Cream, Grey, Beige

More info:
kingswaygroupglobal.com/kg182



KG184 Anti-Ligature Large Rubber Door Stop Wall On Backplate

A solid high-pressure domed rubber door stop with metal back plate for ultimate durability, suitable for use on walls and doors. Two stops can be used for maximum clearance where large items of ironmongery are used, fitted to the door and skirting.

More info:
kingswaygroupglobal.com/kg184



PRODUCTS

LOCKSETS

Our range of anti-ligature Locksets have been designed to offer a solution for all areas within a mental health facility. From low secure to high secure settings, a range of auto-locking and roller bolt options ensure the correct solution is available.





KG1100 Bedroom Lockset

A simple lockset solution with a roller bolt for bedroom or patient area doors where the risk of barricading is low.

An interior anti-ligature thumb turn provides service users with flexible use by allowing the door to be locked or unlocked. To ensure service user safety, staff can unlock the door from the outside using a key even if the interior thumb turn is held. Staff can also lock the door with the key from the outside.

More info:
kingswaygroupglobal.com/kg1100



KG1400 Auto-Locking Lockset With Secondary Override

An auto-locking lockset with dual means of access designed for secure entry and improved service user privacy and safety.

The door will automatically lock when closed and features an interior thumb turn to allow service users to open the door at any time. Staff can unlock the door even if the interior thumb turn is held by using either the normal key cylinder or the override Oval Staff Key if the key cylinder has been jammed by the service user.

More info:
kingswaygroupglobal.com/kg1400



KG1200 Bedroom Lockset With Secondary Override

A dual access lockset solution with a roller bolt for patient bedroom or communal area doors. An interior thumb turn allows service users to lock and unlock the door whilst the lockset provides staff with two methods of unlocking the door from the outside even if the interior thumb turn is held.

Staff can unlock the door by using either the normal key cylinder or the override Oval Staff Key if the key cylinder has been jammed by the service user.

More info:
kingswaygroupglobal.com/kg1200



KG1500 Indicator Lockset With Secondary Override

A roller bolt lockset with lock indicator and dual means of access designed for washrooms and toilets in patient accessible areas. An interior thumb turn allows service users to lock or unlock the door with the lock's status being displayed by the exterior-side indicator.

Staff can unlock the door from the outside even if the interior thumb turn is held by using either the normal key cylinder or the override Oval Staff Key if the key cylinder has been jammed by the service user.

More info:
kingswaygroupglobal.com/kg1500

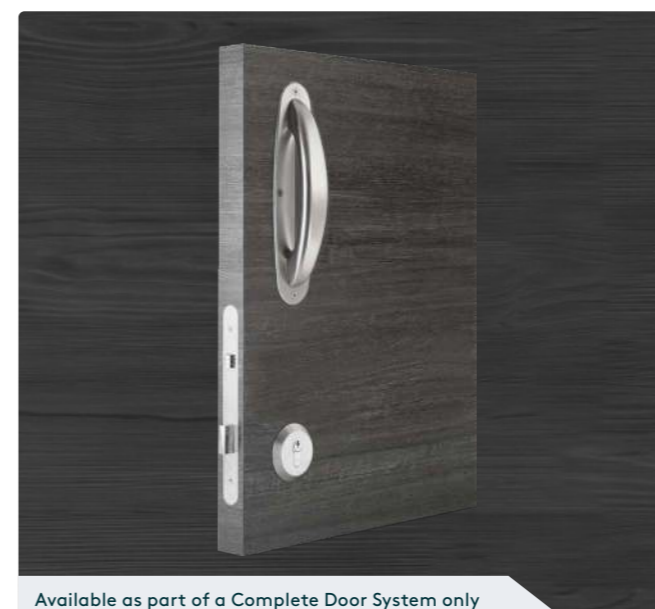


KG1300 Auto-Locking Lockset

An auto-locking lockset designed for secure entry and improved service user privacy and safety.

The lockset will automatically lock when closed and features an interior thumb turn to allow service users to open the door at any time. Staff can unlock the door from the outside using a key even if the interior thumb turn is held.

More info:
kingswaygroupglobal.com/kg1300



KG1600 Communal Deadlock Lockset

The simple lockset solution to communal area doors or staff-access-only doors.

The lockset provides flexible access through its roller bolt when left unlocked whilst key cylinders fitted to both sides of the door allow staff to lock or unlock the door from either side using a key.

More info:
kingswaygroupglobal.com/kg1600





Available as part of a Complete Door System only

KG1700 Communal Nightlatch Lockset

An auto-locking solution for secure access to communal area doors or staff-access-only doors.

The lockset will automatically lock upon closing to prevent unauthorised access whilst key cylinders fitted to both sides of the door allow staff to unlock the door from either side using a key.

More info:
kingswaygroupglobal.com/kg1700



PRODUCTS

CLOSERS

With a range of concealed, overhead and side closers available, we're able to provide the optimum solution for low through to high-risk locations, including both fire-rated and non-fire rated doors.





KG21 Recessed Side Closer

A recessed side closer unit that is fully concealed when closed. The KG21 Closer has an adjustable closing speed and latching action and is designed for single-action doors up to 940mm wide and up to 80kg in weight with a maximum opening of 105°.

More info:
kingswaygroupglobal.com/kg21

Available as part of a Complete Door System only



KG23/KG24 Single Action Overhead Door Closer

Available with a hinge-side or opposite-side guide rail respectively, the KG23/KG24 Overhead Door Closers provide a durable, automatic closing solution for low-risk locations or staff-only areas. The closer operates with a hydraulic latching action and features an adjustable closing speed.

More info:
kingswaygroupglobal.com/kg23

Available as part of a Complete Door System only



KG35 Double Action Transom Closer

Concealed within the frame header, the KG35 Closer allows doors to open in both directions and automatically returns them to the closed position. The flush fitting unit is held securely in place by 6 anti-tamper fixings through the stainless steel cover plate, minimising risk within service user locations.

More info:
kingswaygroupglobal.com/kg35

Available as part of a Complete Door System only



KG36 Double Action Mechanical Hold Open Closer

The KG36 is a concealed, double action transom closer featuring a mechanical hold-open feature, allowing the door to be held in the open position at 90°. Mounted flush in the frame header and held securely in place by 6 anti-tamper fixings through the stainless steel cover plate, the unit provides a safe and secure means of controlling double action doors.

More info:
kingswaygroupglobal.com/kg36

Available as part of a Complete Door System only



KG37 Double Action Free Swing Closer

Suitable for doors up to 300kg, the KG37 Free Swing Closer allows the door to open in both directions without resistance. In normal usage, the door leaf will remain in whichever position the user leaves it in. In the event of a fire alarm, the KG37 Closer will automatically return the door to the closed position.

More info:
kingswaygroupglobal.com/kg37

Available as part of a Complete Door System only



KG38 Double Action Electro Hold Open Closer

The concealed KG38 Electro Hold Open Closer provides the solution for areas where the door is at times required to remain open. In the event of a fire alarm, the KG38 Closer will automatically return the door to the closed position. Suitable for fire and smoke check doors in both single and double action applications.

More info:
kingswaygroupglobal.com/kg38

Available as part of a Complete Door System only



ANTI-LIGATURE

WASHROOM ACCESSORIES

As a high-risk area, washrooms in mental health facilities require careful consideration when planning and designing.

Our range of anti-ligature washroom products help increase service user safety within these areas by reducing the ligature risks present.

Delivering high-strength, durable performance, our anti-ligature washroom product range consists of dispensers & holders, mirrors, shelving, and DDA supportive rails to assist the most vulnerable service users in washroom areas.

Extensive consideration has been given to both the materials used and the products' design characteristics to make sure the ligature risks present in washrooms are reduced whilst providing the durability expected and demanded within challenging environments.



DISPENSERS

GRAB BARS

HAND RAILS

DOC M PACK





KG01 Anti-Ligature Toilet Tissue Dispenser

A secure toilet tissue dispenser manufactured from 316 grade stainless steel for high durability against corrosion and abuse suitable for the most challenging environments.

More info:
kingswaygroupglobal.com/kg01



KG07 Anti-Ligature Manual Soap Dispenser Surface Mount

An anti-ligature surface mounted manual liquid soap dispenser with a refillable unit to provide a hygienic, safe, and durable solution to hand sanitisation in patient accessible washrooms. (Soap refills not included – we recommend the GOJO 1847-04.)

More info:
kingswaygroupglobal.com/kg07



KG02 Anti-Ligature Paper Towel Dispenser

A stainless steel unit to provide a durable and effective means of dispensing paper towels in challenging environments where safety is of the utmost importance.

More info:
kingswaygroupglobal.com/kg02



KG08 Anti-Ligature Manual Soap Dispenser Gojo Compatible

An anti-ligature surface mounted manual liquid soap dispenser compatible with GOJO soap refills to provide a hygienic, safe, and durable solution to hand sanitisation in patient accessible washrooms. (Soap refills not included – compatible with GOJO LTX-12 1200ml refill cartridges.)

More info:
kingswaygroupglobal.com/kg08



KG03 Anti-Ligature Toilet Roll Holder

An anti-ligature surface mounted toilet roll holder manufactured from stainless steel for a secure, effective, and highly durable solution for patient area toilets.

More info:
kingswaygroupglobal.com/kg03



KG10 Anti-Ligature Toilet Tissue Dispenser Recessed

An anti-ligature stainless steel recessed toilet tissue dispenser for service user washrooms that is fitted flush with the wall to provide a well styled yet robust solution.

More info:
kingswaygroupglobal.com/kg10





KG11 Anti-Ligature Paper Towel Dispenser Recessed

A recessed paper towel dispenser manufactured from stainless steel for a durable and anti-ligature means of dispensing paper towels. Recessed and well styled, it provides a modern and robust solution for challenging environments.

More info:
kingswaygroupglobal.com/kg11



KG250 Anti-Ligature Grab Bar

An anti-ligature handrail suitable for use in service user washrooms as a vertical rail beside a mirror, on the wall behind a WC, at 15° beside a WC, or on the back of a door. Finished in a range of powder coating options and supplied with security fixings.

More info:
kingswaygroupglobal.com/kg250



KG12 Anti-Ligature Recessed Washroom Shelf

A stainless steel recessed shelf for use in secure washrooms with a self-draining base making it suitable for items such as soap.

More info:
kingswaygroupglobal.com/kg12



KG255 Anti-Ligature Drop Rail Wall Mounted

Rated to 300kg, the KG255 is a high-strength drop rail designed to support service users in mental health ensuites and washroom facilities. The sturdy hinged rail can be safely locked in the upright position when not in use to ensure the ligature risk is minimised, while staff can unlock the unit and lower the rail when a service user requires support.

More info:
kingswaygroupglobal.com/kg255



Anti-Ligature Washroom Doc M Pack

An anti-ligature washroom pack containing the five parts necessary to ensure your facility fulfils Part M of the Building Regulations and satisfies the 2010 Equality Act. Each anti-ligature component has been specifically designed for mental health environments and their ergonomic properties allow easy and comfortable use for disabled service users without impacting the ligature risk.

More info:
kingswaygroupglobal.com/doc-m



Virtual Showroom Tours at a time that suits you

For those working within the mental health sector in the UK, there are tremendous pressures on time and resources, and with that the opportunities to explore new risk-reducing solutions in depth are limited.

With the ability to prevent loss of life and support staff in improving service user safety within their facilities, our Complete Door Systems and anti-ligature products are an invaluable investment and, given the significance of their purpose, we want you to be wholly sure in your understanding of their capabilities and functions.

This is why we are pleased to offer virtual tours of our anti-ligature product showroom with live demonstrations from our Project Consultants.

Key benefits of a Virtual Showroom Tour

- An opportunity to see how Kingsway Group's risk reducing solutions function and improve safety for both staff and service users.
- Receive live demonstrations of our latest technology products, including the SERENITY interactive panel (see page 66) and award-winning KOSMOS Smart Monitoring System (see page 60).
- Save time without the need to travel, whilst still gaining all the information you need to make an informed decision.
- An opportunity to discuss your project requirements with us and draw on our experience in delivering bespoke anti-ligature solutions for over 85% of NHS Mental Health Trusts.

Request a virtual tour

Find out more at:
www.kingswaygroupglobal.com/tour
or scan the QR code to request a
Virtual Showroom Tour at a time that
suits you.





Your Partner in Patient Safety

The best ideas start
with a conversation

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