

NOTES:
 14ga steel stiffened door
 3 point lock
 12ga frame
 16x16 Pyrolux
 Secure Tray
 Single Acting Hinge
 Outswing only

****DRAWINGS ARE NOT TO SCALE****

OPENING NUMBERS:

	Project Name	
	Project Number	Current Section
DOOR DETAILS		

SECLUSION High Strength Door System



Product datasheet



The SECLUSION door system provides the most robust solution for areas where patients are required to be isolated in a safe environment. The SECLUSION door system is flush to the inside for patient safety and the staff can rely on the high strength 5-point locking system for security.

Technical Specs

Leaf Thickness:
54mm

Vision Panel Options:
Duralux or Pyrolux ranges

Firerating:
NFR

Product Code:
SEC01(Single action 54mm door leaf)



Doorset Solutions
Certified by BMTRADA

SLIMLINE Key Access SL315-1X H32H34K0W10

High performance multi-point locking mechanism that automatically locks upon door closure to provide high security protection against forced entry, ballistic, and blast in one product.

The flexible design of the product enables external key access with single motion egress at all times by lever handle or panic bar.

The Slimline has been designed with a common mounting footprint enabling the addition of new modules to upgrade to the latest operational requirements.



Optional Cylinder Guard Protection

OPERATIONS

Entry - External mechanical key and anti-ligature handle are used to release the deadlock function and retract the locking bolts. Upon door closure the bolts will automatically extend. Deadlock is classroom function and must be manually locked.

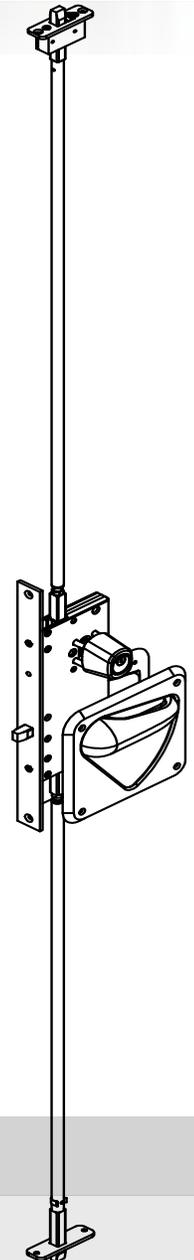
Exit - Single motion egress by anti-ligature handle.

FEATURES

- Mortised mounting
- Storeroom function as standard - automatic locking upon door closure
- Classroom function is available - manual locking upon door closure
- Proven rack & pinion mechanism
- 5/8" stainless steel bolts with 1" throw
- Choice of exit device operators
- Tested to over 1,000,000 cycles
- Suitable for doors 7 feet tall with height extensions available
- Up to 5 active locking points
- Optional enhancement packs available for blast applications
- Optional remote monitoring of lock/bolt status

BENEFITS

- Automatic relocking as standard
- Life safety device UL305 and BSEN 179/1125 compliant
- Tested on specific doorsets up to 60 minutes of FE/BR and LPS 1175:SR6
- Door securely locked when in closed position
- Engineered for longevity and trouble free service



FE/BR SD-STD-01	5 MIN	15 MIN	60 MIN		
LPS 1175 SECURITY RATING <small>(on selected doorsets)</small>	SR 2	SR 3	SR 4	SR 5	SR 6

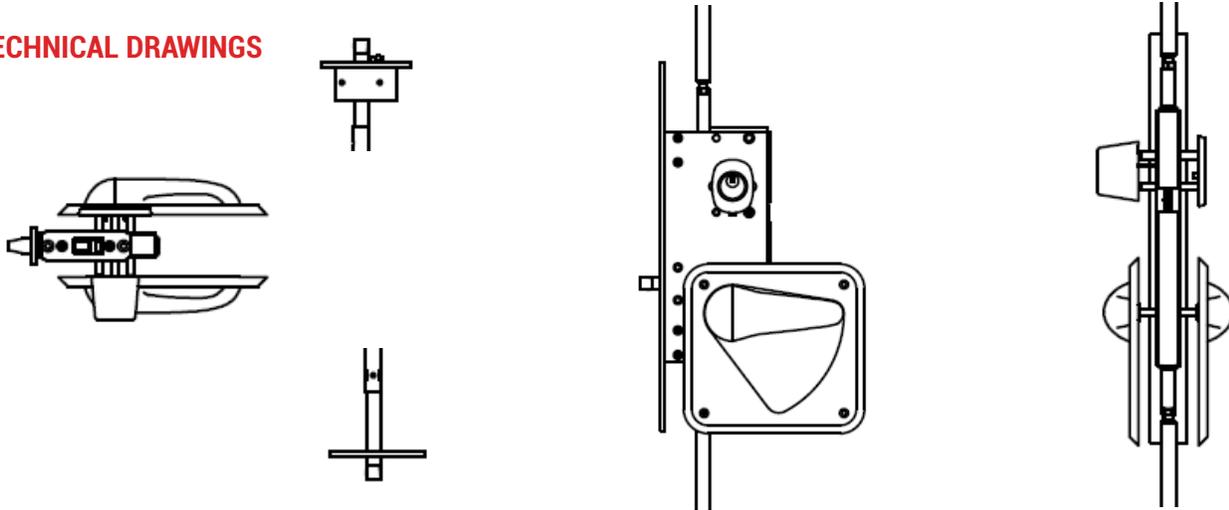
	Blast - For details, contact your sales rep		UL305/EN1125/EN179
	UL752/EN1522/23 FB1- FB7 & FSG		UL10C - up to 4 hours/BS476 PT22/EN1631-1

Above performance results are based on independent third party testing or assessment on selected doorsets



ENTRY METHODS:	Access Control with Motorized Lock	Remote Access with Motorized Lock	Manual Key Override		
EXIT METHODS:	Access Control with Motorized Lock	Remote Access with Motorized Lock	PUSH TO OPEN Panic Bar (meets EN1125)	Cranked Lever (meets EN179)	RTE Button

TECHNICAL DRAWINGS



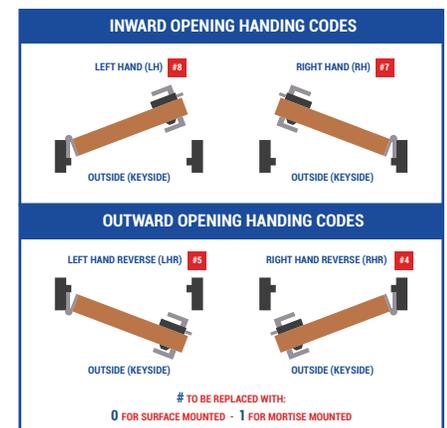
SELF-CODING SYSTEM

The Slimline (SL) modular devices have a simple ordering code that covers the chosen methods of entry and exit, followed by additional enhancements to further customize the device.

The device is easy to specify:

- Step 1. Bolt configuration**
- Step 2. Choose the required entry code**
- Step 3. Choose the required exit code**
- Step 4. Select handing and opening direction**
- Step 5. Select enhancements to customize and suit specific requirements**

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
Number of bolts	Entry	Exit	Handing	Enhancements
<ul style="list-style-type: none"> 2 2-point security 3 3-point security 	<ul style="list-style-type: none"> 2 Access Control 	<ul style="list-style-type: none"> 1 Key and lever exit 4 Panic Bar 5 Emergency lever 	1st Digit <ul style="list-style-type: none"> 0 Surface Mounted 1 Mortise Mounted 2nd Digit <ul style="list-style-type: none"> 0 Non-handed 4 Right Hand Reverse 5 Left Hand Reverse 7 Right Hand 8 Left Hand 	<ul style="list-style-type: none"> K₂ External key release in case of power failure O₅ Cylinder - Medeco m3-ARX (registered)



Example system code:

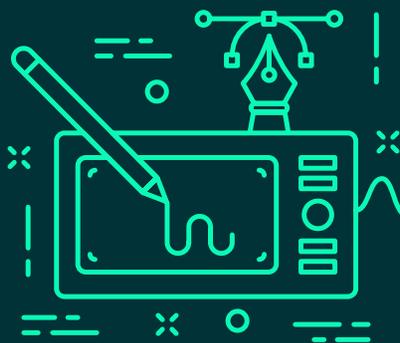
DEVICE BOLTS ENTRY EXIT HANDING ENHANCEMENTS
SL 3 1 4 - 04 - H28 W21

The code SL314-04-H28W21 specifies the Slimline 3 point keyed deadlock system with external manual lever handle entry and panic bar single motion egress. The enhancement codes specify round tube panic bar (H28), and bolt-through mounting hardware(W21).

Note: The code "04" specifies a surface mounted and right hand reverse system.

SLIMLINE: ELECTRONIC ACCESS CONTROL - POPULAR ENHANCEMENTS AVAILABLE

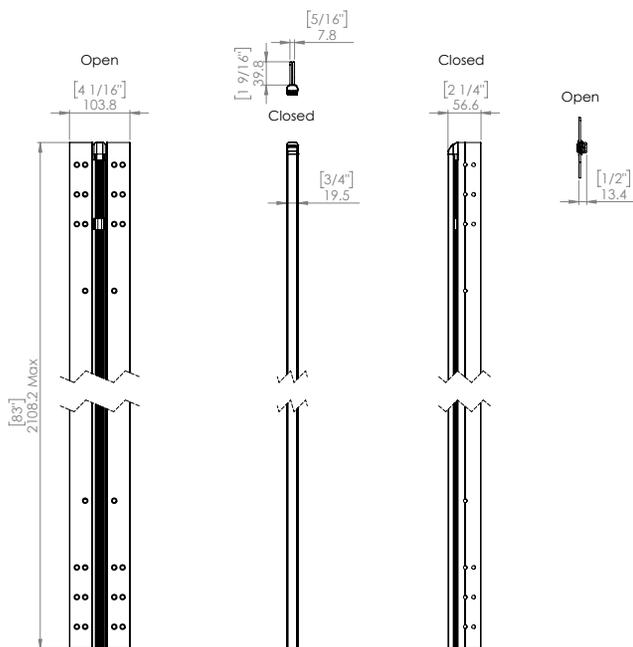
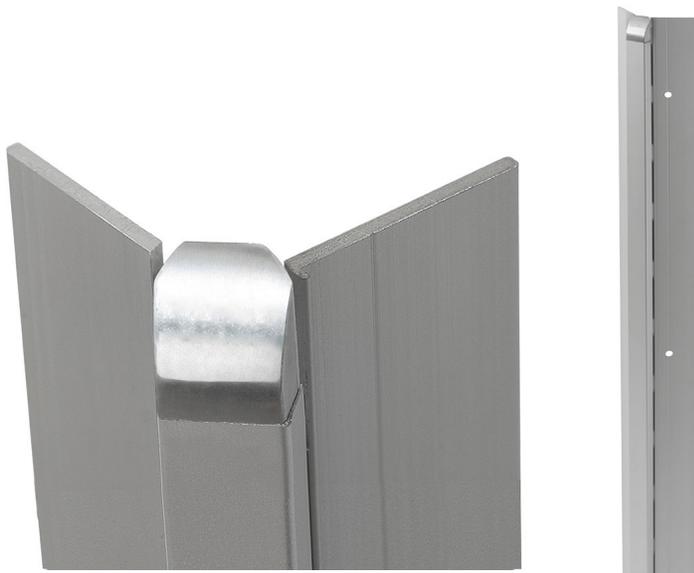
CODE / DESCRIPTION	DESCRIPTION
B _(n)	Spacing off of door; (n) = Number of 1mm increments
D01	5/8" 316 S/S bolt enhanced blast level cast guides and brackets 3-point
D02	1" 316 S/S bolt, guides and brackets for high blast levels 3-point
E _(n)	3 Foot top rod extension tube (i.e. E2 or E3)
H11	Extended panic bar for 48" wide door
H28	Round tube Stainless Steel panic bar
M3	Request to exit module
N	Electric monitoring of lock status
O _(n)	Cylinder option code – n=0 factory supplied cylinder, other cylinder codes available in catalog
W21	Through bolt mounting for 1-3/4" door



Product datasheet

Kingsway Group

KG200 Continuous Hinge.



Anti-ligature Disclaimer

Anti-ligature Disclaimer The anti-ligature design characteristics of this product are not intended to replace or substitute the need for necessary supervision of those who may be at risk, or for other necessary protective measures to be taken in the specific circumstances of usage. Kingsway Group, Inc. does not offer any products for sale as being 'ligature-free' and will not be liable for any claims arising from ligature attachment on its products. It is the customer's responsibility to ensure that products purchased and installed are suitable for the environments they are installed in.

The aluminium continuous geared hinge runs the full length of the door and provides maximum strength, security and safety. It is fitted with a specially formed metal cap to resist ligature attachment and it is supplied with security pin torx fixings.

Installation Description

- Attach Hinge to door with provided security screws.
- Attach the door and hinge to the frame paying attention to clearances at header and strike side.

Operation and Maintenance

Operation

The continuous hinge operates by an interlocking extruded cog mechanism that provides a high strength and smooth motion for doors with heavy usage.

Maintenance

The continuous hinge is largely maintenance free. Periodic checks should be made to ensure that the hinge or the fixings have not been tampered with.

Cleaning

Cleaning of the hinges should be with a damp cloth. Cleaning agents should be avoided.

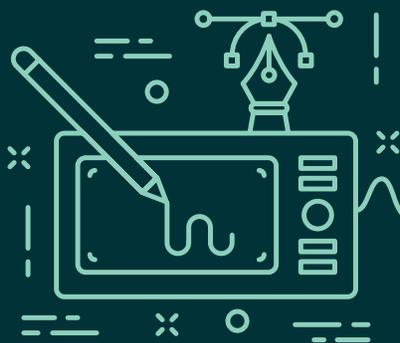
Guarantee

5 Year Guarantee*

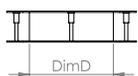
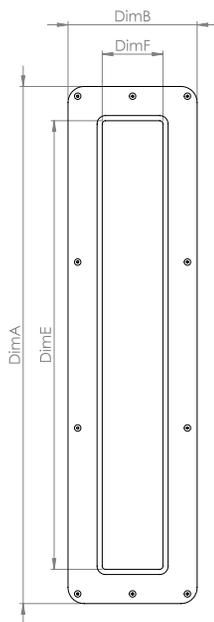
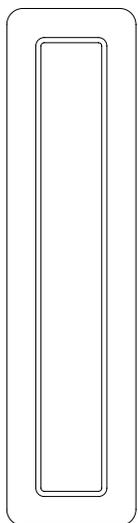
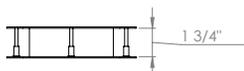
*For faulty manufacture and not for damage

Specification

KG200 Continuous Hinge.



Pyrolux Vision Panels



Anti-ligature Disclaimer

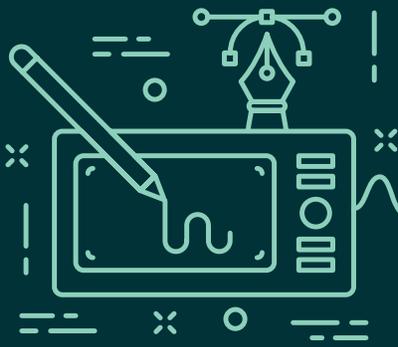
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Pyrolux vision panels have been designed for use in secure healthcare environments and combines two layers of Trident 3/4" high strength glazing with bolt fixed stainless steel fascia's. These highly robust glazed panels are available in 5 different sizes.

Installation description

- Using the template mark out the cut out area on the door including the 12 bolt holes.
- Cut out the marked area and drill the 12 holes.
- Line the opening with the intumescent liner and place the vision panel carefully in the opening.
- Place the stud side fascia on to the door making sure each weld stud is located in a drilled hole (this is the patient side fascia).
- Position the other fascia on the door so that the countersunk holes line up with the drilled holes on the door and start attaching both fascia's together with the bolt provided.
- Final tightening of the bolts – take care not to over tighten as this will result in the screws shearing.

Part Number	Door Thickness	DimA	DimB	DimC	DimD	DimE	DimF
P5020	1 3/4"	20 1/4"	8 1/2"	17"	5 1/8"	16 1/8"	4 1/4"
P5050	1 3/4"	20 1/4"	20 1/4"	17"	17"	16 1/8"	16 1/8"
P8020	1 3/4"	32 1/8"	8 1/2"	28 3/4"	5 1/8"	28"	4 1/4"
P8050	1 3/4"	32 1/8"	20 1/4"	28 3/4"	17"	28"	16 1/8"
P1300	1 3/4"	54 1/2"	13 1/4"	51 1/4"	9 3/4"	50 1/4"	9"



Product datasheet

Kingsway
Group

Pyrolux Vision Panels

Size Options:

The Pyrolux vision panel is available in the following sizes:

P5020 Pyrolux vision panel 5" x 17" nominal size

P5050 Pyrolux vision panel 17" x 17" nominal size

P8020 Pyrolux vision panel 5" x 29" nominal size

P8050 Pyrolux vision panel 17" x 29" nominal size

P1300 Pyrolux vision panel 10" x 51" nominal size

Design Option

Add 'PC' to the end of the code to specify a powder coated finish to the fascia.

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Operation and Maintenance

Operation

To allow vision through the panel the thumb turn or staff control is used to align the central pane so that the clear stripes line up. Where a hold open control is used the panel can be left in the open position.

Maintenance

Periodic checks should be made to the screws to ensure they are all tight and that they have not been tampered with. The control should be checked to ensure it is functioning smoothly and that the set screws that holds the thumb turn on is tight.

Cleaning

Cleaning of vision panels should be done with caution as they should not come in contact with liquids of any kind. Where cleaning is required it should be made with a damp cloth and a mild detergent if needed.

Guarantee

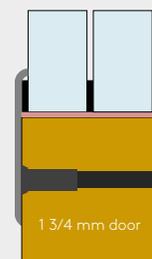
5 Year Guarantee*

*For faulty manufacture and not for damage

Specification

Typical description would read:

P8020 Pyrolux vision panel 5" x 29" nominal size



Trident 3/4" Glass
1/10" Intumescent
spacers
1/10" Intumescent
liner
Bolt fixed stainless
steel fascia
10 x 4/10" stainless steel
dividing spacer with
intumescent

KG165 Secure Tray Hatch with 3-Point Locking



Product datasheet



The secure tray hatch is a high secure unit that is installed into doors to provide a secure tray serving solution. Manufactured to allow items up to 14" wide to be passed into a room removing the requirement for the door to be opened for communications or patient serving. Secured with security bolts from the fascia on staff side and no visible screws on patient side.

Installation Description

- Cut out the required aperture in the wall to suit the unit
- Attach the inner part of the food hatch and make sure that it is level
- Attach the front fascia and ensure that all screws are tight

Operation and Maintenance

Operation

To pass an object through the door unlock the hatch using the staff key and swing down the front tray into the open position. Pass the object or communicate through the hatch and then latch shut when finished.

Maintenance

Light lubricant can be used on moving parts and periodic checks should be made to ensure the locks operate smoothly

Cleaning

The hatch can be cleaned used standard commercial detergents and cleaners but care should be take to avoid cleaning with abrasive cloths which will scratch the surfaces of the unit.

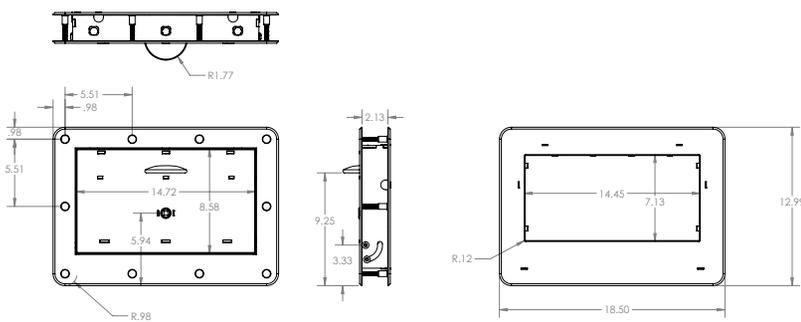
Guarantee

5 Year Guarantee*

For faulty

Specification

KG165 Secure Tray Hatch With 3-Point Locks
- specify door thickness at point of order



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