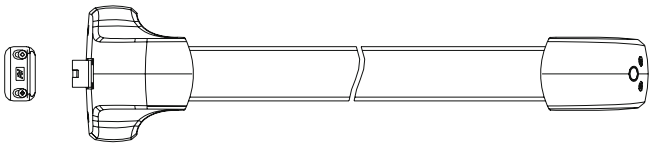
Touch Bar Panic Latch - Single Point Latching

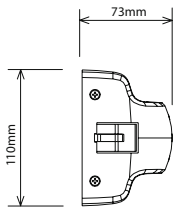
ALP601

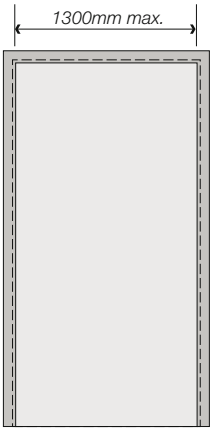
3 YEAR GUARANTEE

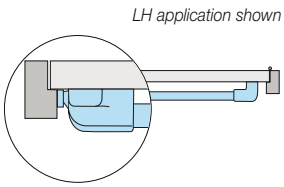
Touch bar single point panic latch with the following features:

- Non handed, suitable without alteration for left or right hand applications
- Can be cut down on site. Suitable for door widths 800mm to 1240mm
- Additional length bar can be supplied for doors up to 1540mm wide
- Narrow stile suitable for uPVC doors and glass panelled doors
- Single latch and anti-thrust protection
- Universal keep suitable for timber or aluminium single doors or double door combinations
- Suitable for single doors or the active leaf of a rebated double door
- Optional hold-back available enabling the door to be put into free access
- Optional Microswitch concealed in tail end of the unit to integrate with an access control system
- 240 hour salt spray corrosion resistance on all finishes









Code	Description	EN1125 Classification Code
ALP601/M/SE	Single point latching	37601422AA
ALP601M/SE-M	With microswitch	
ALP601M/SE-HB	With holdback	

Finish

SE Powder coated silver (as standard)

Technical Data

Guarantee
To support the high quality engineering, durability and quality performance of the Alpro Panic & Emergency Exit Hardware we provide a 3 year guarantee against defects due to faulty manufacturing, workmanship or defective materials.
Alpro agrees to replace any defective Alpro product free of charge provided the product has been fitted and maintained in accordance with the fitting instructions.

Fixing/Installation - Touch Bar
The Alpro Touch Bar hardware uses a series of mounting backplates for the end mechanisms and Pullman latches which are fixed to the surface of the door. The end mechanisms of the Touch Bar unit and Pullman latches are then mounted onto the backplates. A series of spacers are provided to take up any inaccuracies in the door.
The Touch Bar is aluminium and can be easily cut on-site to suit the door width, with the ends being fully concealed by the end covers.
Similarly, the vertical rods of the double and triple point latching units and the rod covers can be readily cut on-site to suit the door height with the cut ends of the covers being concealed inside the cast covers of the mechanism and Pullman latches. The latch bolts are adjustable to assist in achieving accurate alignment to ensure a smooth operation of the exit device and a positive fit of the door within the frame.

Fixing/Installation - Push Bar
The hardware is surface mounted and supplied with full fixing instructions. To comply with the standards and guarantee, the push bars and shoot bolts which are supplied loose and must be cut down on-site to suit the door width and/or height. The top and bottom shoots (where applicable) allow for ±5mm of vertical adjustment. The cut ends of the push bar are concealed within the end boxes. Shoot bolt ends must be carefully cut on-site as the ends are visible.
The Alpro range is supplied with all the necessary fixings for timber doors and allows for either self tapping or machine screws to be used on other door types.

Construction - Touch Bar
The Touch Bar is extruded elliptical section aluminium. Aluminium vertical rods are concealed beneath aluminium covers. All box mechanisms, slave units and Pullman latch mechanisms are manufactured in galvanised steel with nickel plated latchbolts and painted cast Zamak cover casings. Outside access devices are cast Zamak and galvanised steel with die cast aluminium handle.

Construction - Push Bar
The main body and slave unit is manufactured from die cast aluminium with extruded aluminium guides. The top and bottom shoots, the shoot ends and internal components are steel. The latchbolt is stainless steel.

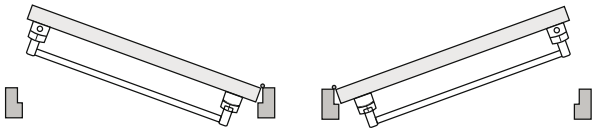
Fire Rating
The Alpro range of panic and emergency exit devices is approved for use on timber and steel doors to EN1634-1:2000. However, it is important to recognise that the hardware is required for the initial part of a fire test until the door has become sealed into the frame. The fire door is then responsible for sealing off the area and therefore it is the door which will give the fire rating.

Standard Sizes
Standard size units are tested on doors up to 2500mm high and 1300mm wide. The shoot bolts and the push bar can be cut down on-site to suit the door height and/or width. To comply with EN1125, the touch/push bar should be installed at a height between 900mm and 1100mm from finished floor level and the bar length must be at least 60% of the door opening width. When fitted at 1100mm the maximum door height is 2530mm on the standard range and 2750mm on the Touch bar range.

Handing Details
Touchbar Exit Devices
All Alpro Touch Bar exit hardware is non handed and is suitable without alteration for left or right hand applications.

Push Bar
Alpro Push Bar and Push Pad latches can be reversed on-site to suit left or right hand application. Vertical bolts are non handed.

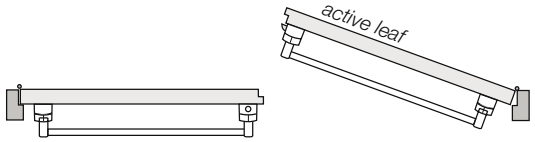
Single Doors
The handing is defined by viewing the door from the pull side, as below. A door with hinges to the left viewed from the pull side is classified as a Left Hand door.



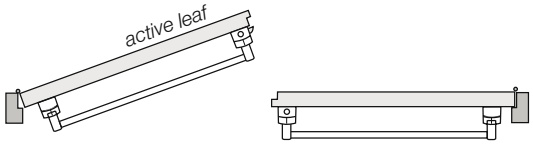
UK Left Hand
ISO 6

UK Right Hand
ISO 5

Double Doors
The handing is defined by the first opening leaf (or active leaf). Using the same criteria as for a single door, if the hinges of the first opening leaf are to the left it is a Left Hand door.



UK Left Hand
ISO 6



UK Right Hand
ISO 5

Hold-Back Facility
The Touch Bar range, push bar panic exit and push pad emergency exit devices are available with a hold-back feature incorporated into the mechanism unit which allows the bolts or latch to be held in the withdrawn position. This feature must not be specified on exit doors which are designated as fire doors unless the door has been fire rated in the unlatched condition.

Summary

		ALP601	ALP602	ALP603
	See Page No.	3	4	5
CERTIFICATION	BS EN1125:2008	■	■	■
	BS EN179:2008			
	CE Marked	■	■	■
FIRE RATING	Timber Door - Single, Rebated & Non-Rebated Double Fitted with OAD		1 hour	1 hour
	Timber Door - Single, Rebated & Non-Rebated Double Fitted without OAD		1 hour	1 hour
	Timber or Steel Door - Single & Non-Rebated Double Fitted with outside cylinder			
	Timber or Steel Door - Single & Non-Rebated Double Fitted without outside cylinder			
	Steel Door - Single, Rebated & Non-Rebated Double Fitted with OAD		TBC	TBC
	Steel Door - Single & Non-Rebated Double Fitted without OAD		1 hour	1 hour
OPERATION	Push Pad Operator			
	Push Bar Operator			
	Touch Bar Operator	■	■	■
LATCHING	Single Point Latching	■		
	Multi Point Latching		■	■
	Pullman Latching		■	■
DOOR TYPE	Single Door Applications	■	■	■
	Non-Rebated Double Door Applications		■	
	Rebated Double Door - 1st Opening Leaf (active)	■		■
	Rebated Double Door - 2nd Opening Leaf (inactive)		■	
OUTSIDE ACCESS	Outside Access Device with Lever	■	■	■
	Outside Access with Knob	■	■	■
	Outside Access by Mechanical Digital Lock	■		
	Outside Access by Euro Profile Cylinder			
		ALP601	ALP602	ALP603