

EN-SUITE DOOR TECHNICAL DATA SHEET

Load release door designed for mental health environments

PRODUCT OUTLINE

Providing privacy and dignity without compromising on safety, the load release en-suite door solves the biggest unsupervised risk in mental health.

With the soft, lightweight leaves only detaching if a weight of more than 6kg is applied, the door maintains patients' sense of self worth whilst still allowing staff to carry out head and feet observations.



KEY FEATURES

Load release - Doors detach when a weight of 6kg or more is applied to the door - eliminating ligature points created by the meeting of two hard surfaces.

Two leaves - By having two leaves which are available in medium and wide widths, this is an off-the-shelf product that does not require made-to-order sizing and specification like others on the market.

Improved bottom pivot - The bottom pivot now uses a self-locating magnet - meaning it clicks into place easily without the need to bend down and reattach the leaf if it detaches.

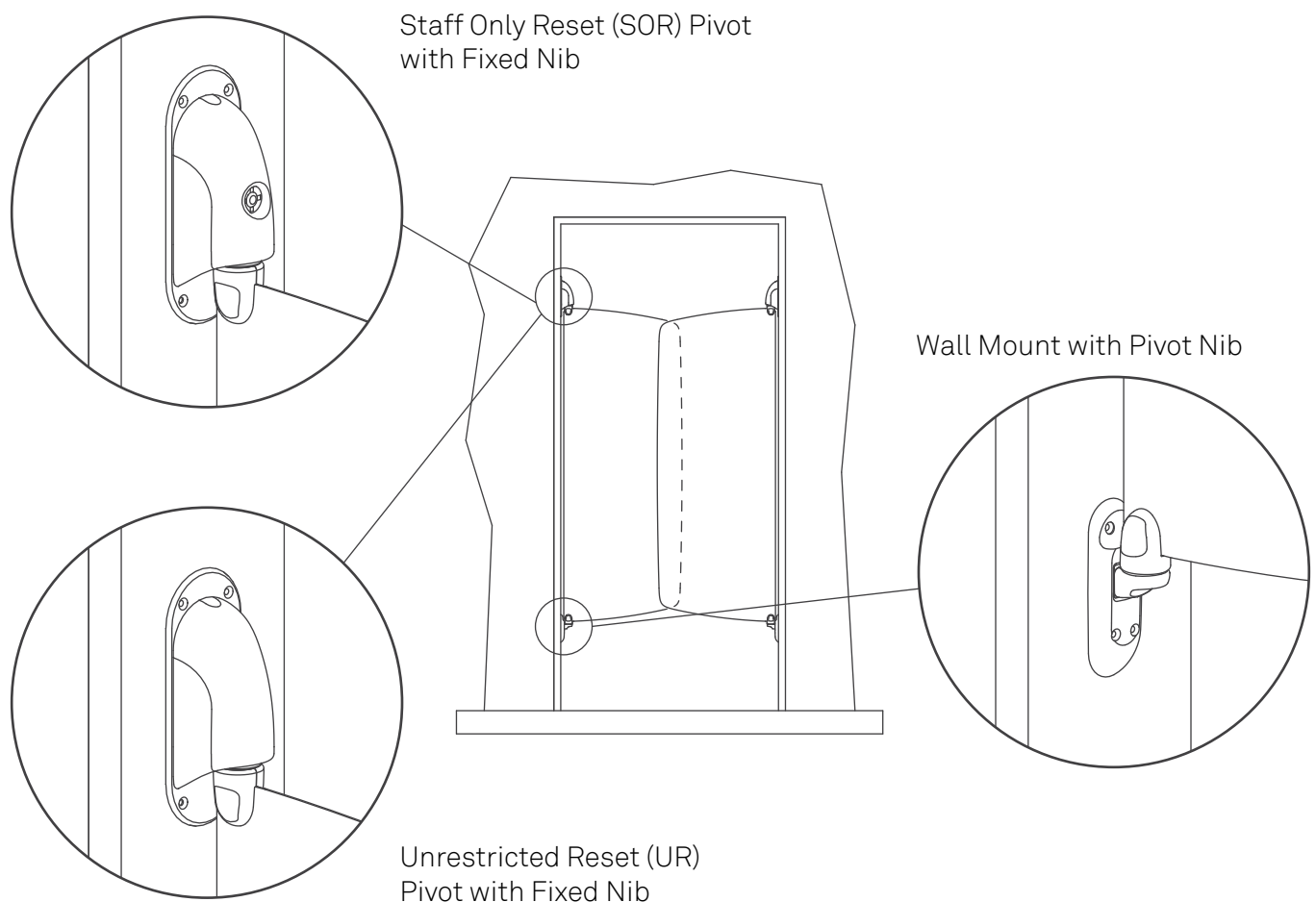
Privacy screen - The two leaves create a screen for patients whilst using the bathroom which still allow for head and feet observations.

Leaf design options - Choose from a range of leaf design options including two original artworks from arts & mental health charity Hospital Rooms.

PRODUCT SCOPE

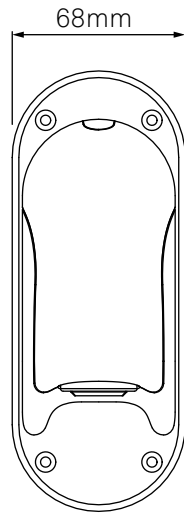
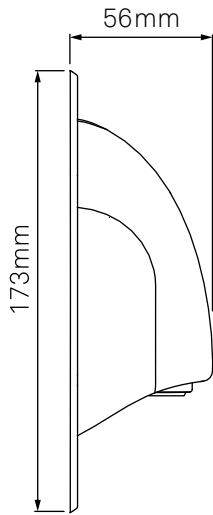
- The En-suite Door is a load release, saloon style door designed for mental health environments.
- The Product is available in two variants, Staff Only Reset (SOR) and Unrestricted Reset (UR). A Safehinge Primera Lifeline key is required to reset an SOR doorset that has been removed from the wall mounted pivot. No additional tools are required to reattach a UR version.
- The door leaves are splash proof and they should not be submerged in water. The En-suite door is not to be used as a replacement for a shower curtain.
- Door leaves have been tested the following standards:
 - ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials
 - BS EN 1021-1:2006 smouldering cigarette
 - BS EN 1021-2: 2006 match flame equivalent
 - BS 5852: 1982 Part 2
 - BS 7176:2007+A1:2011 Low Hazard
 - BS EN 597-1-1995 smouldering cigarette
 - BS EN 597-2: 1995 match flame equivalent
- Mechanical Performance - Safehinge Primera products have been rigorously tested to ensure they are suitable for mental health environments. For more details on the mechanical performance visit www.safehingeprimera.com/resources or contact Safehinge Primera at info@safehingeprimera.com or 0330 058 0988.
- Ligature Performance - The door leaves will release at a load of 6kg or more. It is essential that the product has been installed and maintained as stated in the installation instructions and O&M manual to ensure the ligature performance is met for the lifetime of the product.
- Please be aware that the En-suite Wall Mount and Pivot contains strong magnets. These are securely fixed to the opening and have been thoroughly tested with patient safety in mind to ensure the magnets cannot be accessed once installed. Before installation, it is critical that anyone handling the product is aware of the magnet safety information - HSN003.

PRODUCT DIAGRAM

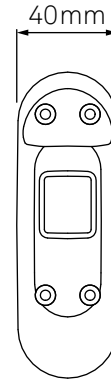
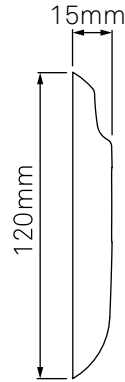


PRODUCT DIAGRAM

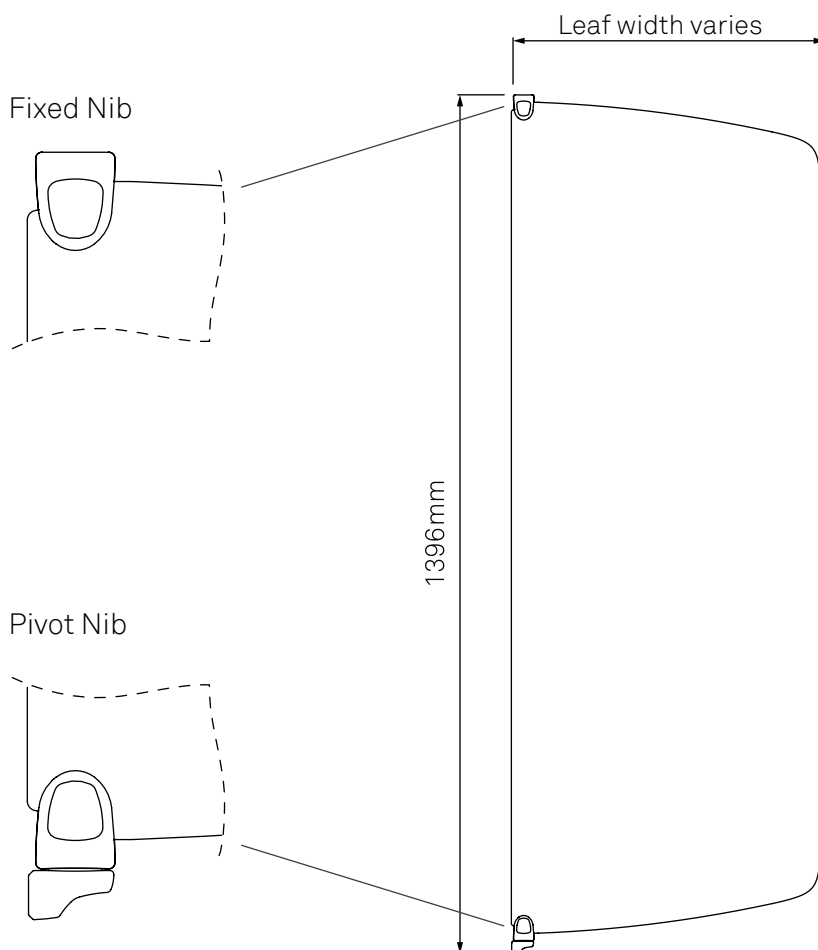
Pivot



Wall Mount



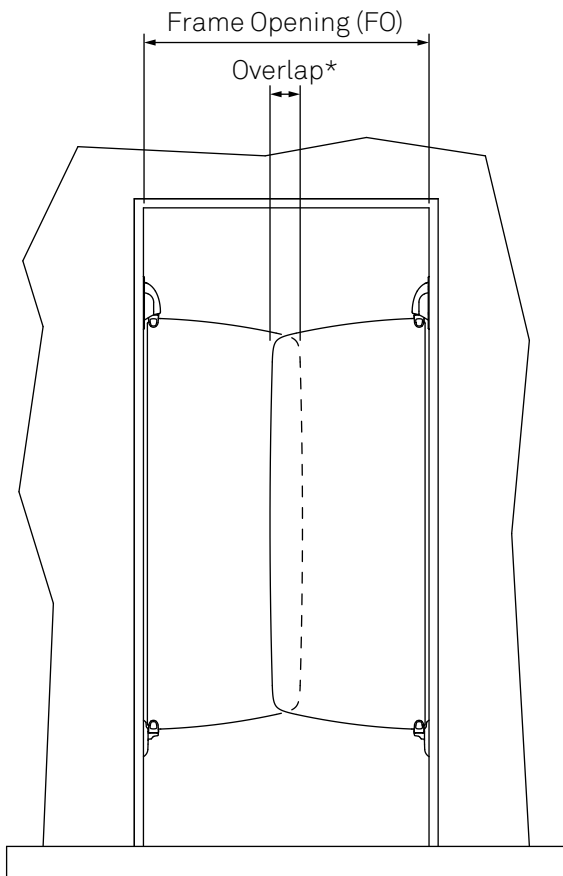
En-Suite Leaf



Leaf Size	Width Dimension
Medium	440mm
Wide	510mm

See PCD006 - 'En-suite Coding Document' for leaf graphics options.

FRAME OPENING



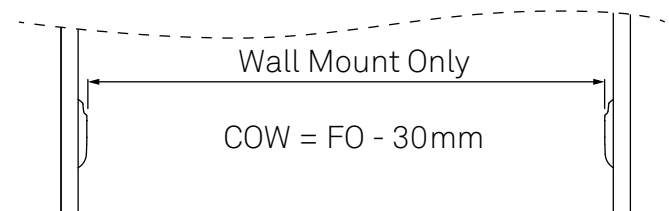
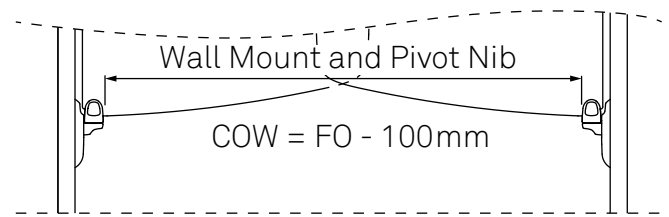
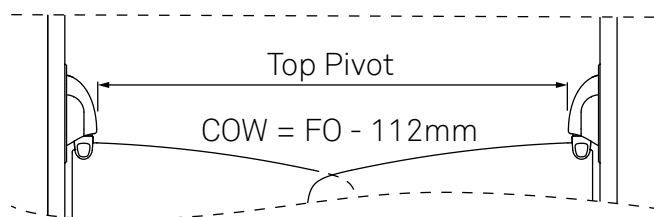
Leaf Size	Min FO	Max FO
Medium	741mm	870mm
Wide	871mm	1000mm

* Overlap will range from 20mm at 'Max FO' to 150mm at 'Min FO'.

We do not recommend an overlap outside of this range.

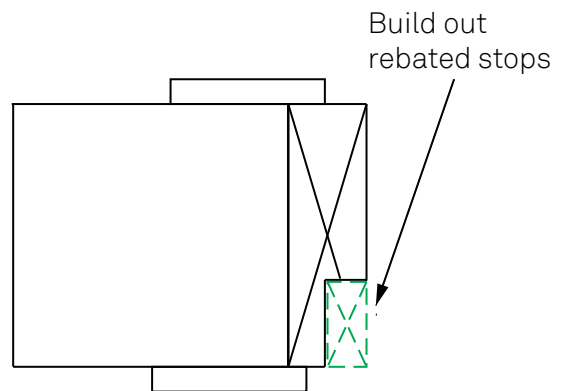
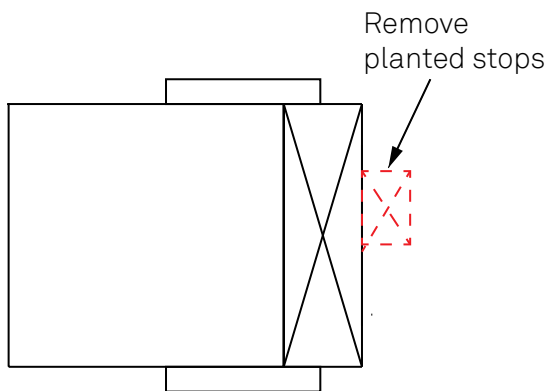
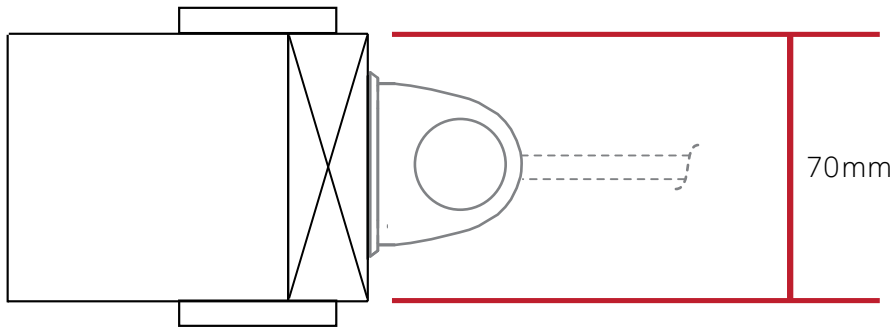
CLEAR OPENING WIDTH

The Clear Opening Width (COW) is calculated by the Frame Opening (FO) - Pivot/Wall Mount Depth.



DOOR FRAME CHECK

Door frame must be minimum 70mm wide to install the en-suite magnetic frame pivots. The frame surface must be flat to avoid any gaps between frame and pivot.



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