



# LOAD RELEASE

ANTI-LIGATURE FITTINGS

Robust and reusable anti-ligature fittings  
for bathrooms and bedrooms.

SAFEHINGE<sup>®</sup>  
PRIMERA  
LIFESAVING DETAILS



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# TOGETHER WE DESIGN FOR GOOD

At Safehinge Primera, our purpose is clear:

**Together, we design for good.  
We help to protect people through vulnerable times.**

We believe in the greater good; if it doesn't do good, we don't design it. Working together as a team, and with input from clinicians, estates teams, experts by experience and architects, we help to facilitate recovery in mental health inpatient environments.

By developing doorsets that maintain physical safety, uphold privacy and dignity and promote independence and autonomy, we don't simply provide a 'quick fix'. We support people on their journey.



# OUR ZERO TOLERANCE MINDSET



**90% of inpatient suicides occur in the patient's bedroom or bathroom**



**91% occur under intermittent observations**



**76% of ligature-based suicides are caused by strangulation**

We believe that a combination of modern, safe products with good clinical procedures can deliver a step-change to Inpatient safety within the bedroom – and free staff time to provide therapeutic care, aiding recovery.

Suicides are not inevitable and we believe that even the smallest design details within the patient bedroom can be lifesaving.

## WITH YOU EVERY STEP OF THE WAY

We recognise that our products exist to assist good clinical practices that facilitate recovery. That's why we ensure they're not just easy to operate, but that we provide thorough training for use in emergency situations.

Our aftercare offering also covers you from the very first conversation you have with us up to on-going maintenance post-installation.



**FIND OUT MORE**  
[www.shp.help/zero](http://www.shp.help/zero)

Sources: "NCISH: Inpatient suicide under observation", 2021.

# OUR ANTI-LIGATURE LOAD RELEASE FITTINGS

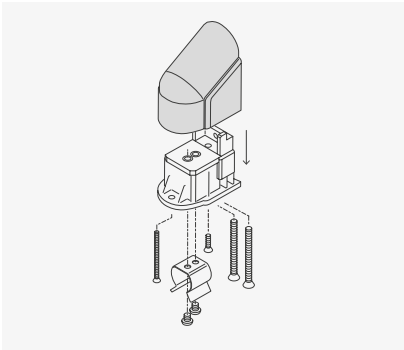
To restore dignity and create a homely environment, vulnerable patients need fixtures and fittings that are familiar and, most importantly, safe.

Existing products failed to address this issue, so we developed a range of load release bedroom and bathroom fittings that are anti-ligature and lightweight, yet durable. The results keep staff and patients safer and facilitate a recovery-led environment.

## HOW LOAD RELEASE WORKS

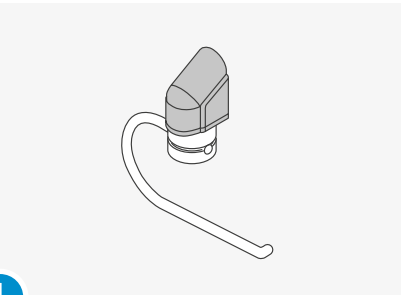
The release mechanism uses a spring hidden inside the anti-tamper casing. It provides a robust connection that only releases when needed – a simple concept that really works.

Patent protected (GB2504710)



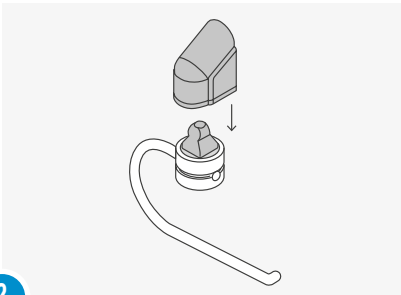
## OPERATION

The anti-ligature bracket is fixed to the wall or ceiling. When an abnormal load is applied, the lightweight fitting is released, with the components pushing back together afterwards.



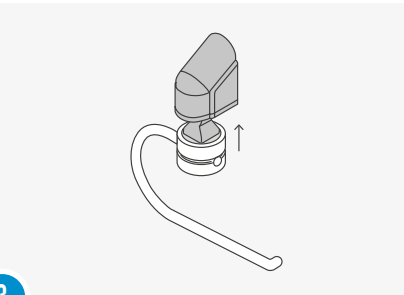
1

The anti-tamper casing conceals the release mechanism



2

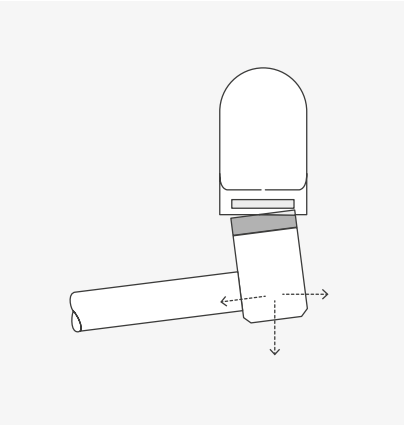
When downward load is applied, the fitting safely detaches without causing any damage



3

The fitting is then pushed back together, ready to be used again

# LIMITATIONS OF EXISTING FITTINGS

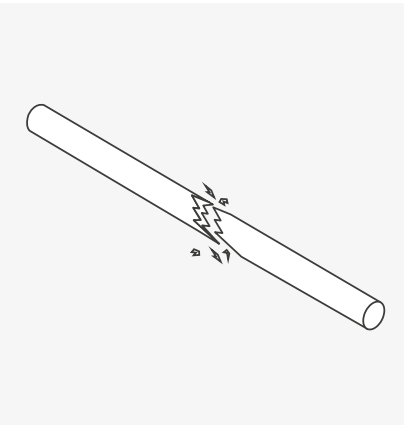


## MAGNETIC

Magnetic anti-ligature systems answer many of today's requirements. But as they're only kept intact by magnets, they can often become detached accidentally due to their multi-directional load release, causing frustration. The most common example is curtains detaching completely when being pulled open or shut.

Because such fittings rely on a perfect magnetic connection, side bracing is often fitted to prevent detachment.

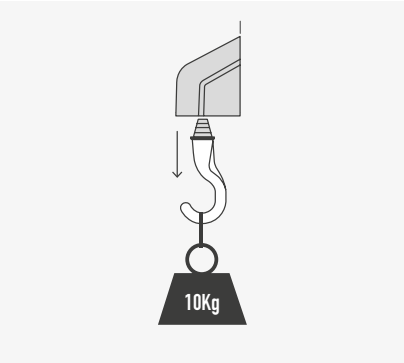
The magnets in the fittings can make the product heavy – curtains in particular – meaning they make an effective weapon when detached.



## PLASTIC

When deliberately damaged, plastic-based components leave very sharp edges which can be used to self-harm. Plus some fittings use plastic components that shear to reduce ligature risk – needing replaced after each incident, adding to maintenance costs.

# BENEFITS OF OUR LOAD RELEASE SYSTEM



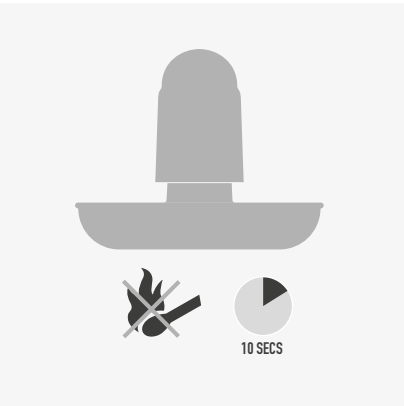
## MINIMISES ACCIDENTAL DETACHMENT

Our clever design ensures the fitting is **only released under a downward load**. This minimises accidental detachments, making life easier for staff and patients and extending the fitting's lifespan.



## LIGHTWEIGHT AND SAFE

The fitting's detachable parts are lightweight and make an ineffective weapon, **minimising the risk to staff**.



## FIRE RESISTANT

A special chemical is used to stop the mouldings burning within ten seconds, minimising the risk of vandalism and wider damage.



## ANTI-LIGATURE AND SHATTER-RESISTANT

Built from **strong, high-performance ABS plastic**, the fittings won't shatter into jagged pieces, reducing the risk of self-harm. Plus it's hard-wearing, offering a **long-term solution**.

And like all Safehinge Primera products, it's been thoroughly tested to the DHF TS001 specification – in our workshop and independently by Exova.

	A – White (RAL No. 9003)
	B – Mid grey (RAL No. 7037)
	C – Green (RAL No. 6018)
	D – Purple (RAL No. 4008)

## SIMPLE AND DISCREET

Clean, simple and discreet, our fittings are white with a highlighted colour ring, to coordinate them with existing decor.

Please note: The final letter of the product code (A, B, C, D) refers to the colour ring. Some fittings are available in just white.

The rail material varies between fittings and is noted, where applicable, before the colour ring as follows: chrome (X), white (Y) or polycarbonate (Z).

## Alternative Futures Group (AFG)

AFG provides person-centred care to people with learning disabilities and Mental Health needs through treatment centres, supported living accommodation and dementia care. Their estates team found our range of bathroom and bedroom products **easy to install** when fitting them across all five sites. Patients now benefit from safe, non-institutional fittings, while AFG enjoy reduced maintenance and replacement costs, with no compromise on safety.



## LOAD RELEASE PRODUCTS

- ✓ Lightweight
- ✓ Rapid release
- ✓ Shatter-resistant
- ✓ Fire rated
- ✓ Anti-ligature (DHF TS001)
- ✓ Conventional appearance
- ✓ Minimises accidental detachment

Customers often tell us how important creating a homely environment is to recovery. That's why providing safe bathroom fixtures and fittings that also look the part is key to establishing the right atmosphere.

Traditional anti-ligature fittings may be safe, but can look sanitised and out of line with modern approaches to recovery. They clearly indicate a different, more institutional environment – and removing them altogether implies that the patient can't be trusted.

That's why we developed a range of safe fittings that look just like the ones you'd find in a home bathroom – restoring **dignity**, creating a sense of **normality** and aiding **recovery**.

### INDEPENDENTLY ANTI-LIGATURE TESTED

We carefully balance practicality and normality with safety in everything we do. That's why all our fittings are tested to the Door & Hardware Federation Technical specification TS001, which tests resistance to ligature attachment.

The fittings were tested with a 0.5mm wire diameter and a 10kg downward load – **passing at the highest level.**



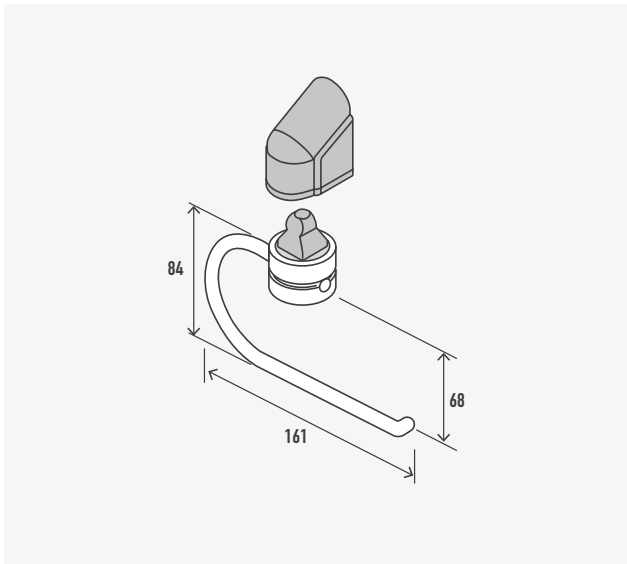
For more information see: [www.shp.help/testing](http://www.shp.help/testing)

### Newbridge House

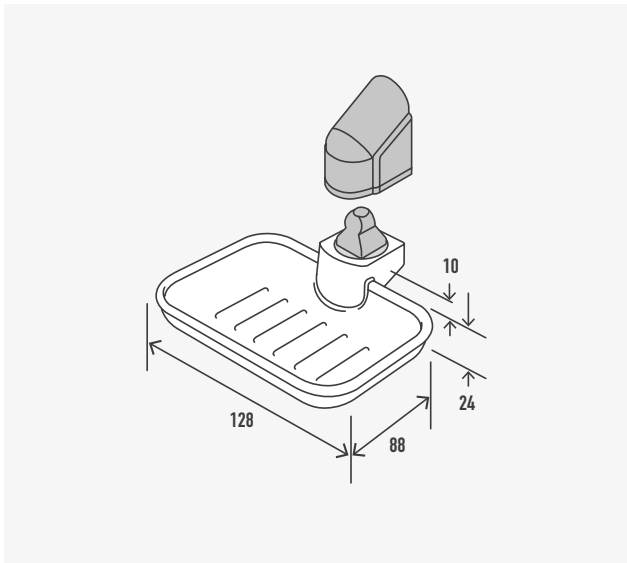
Newbridge Care Systems

Providing services for children and young people, Newbridge House was refurbished to create a modern, safe and supportive environment for those suffering from eating disorders. Key to the design was creating welcoming spaces which looked and felt homely – and the bathrooms were no different. That's why they chose our load release fittings – which provide safety while looking like traditional bathroom fittings.

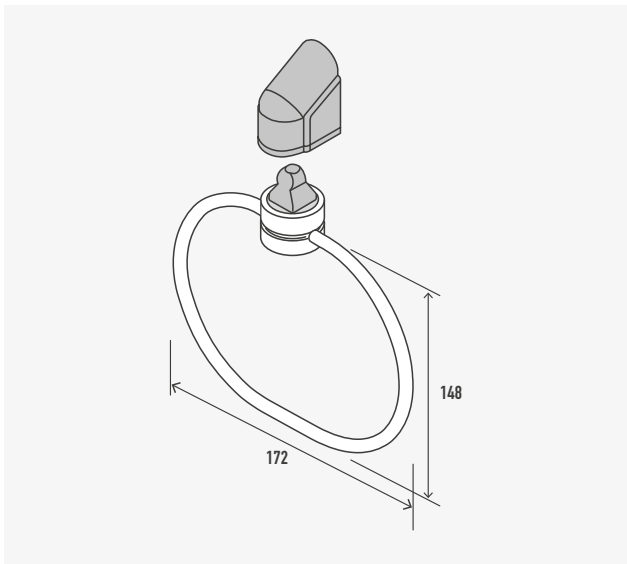
**TOILET ROLL HOLDER**  
PR-8131-TRHO-X[A|B|C|D]



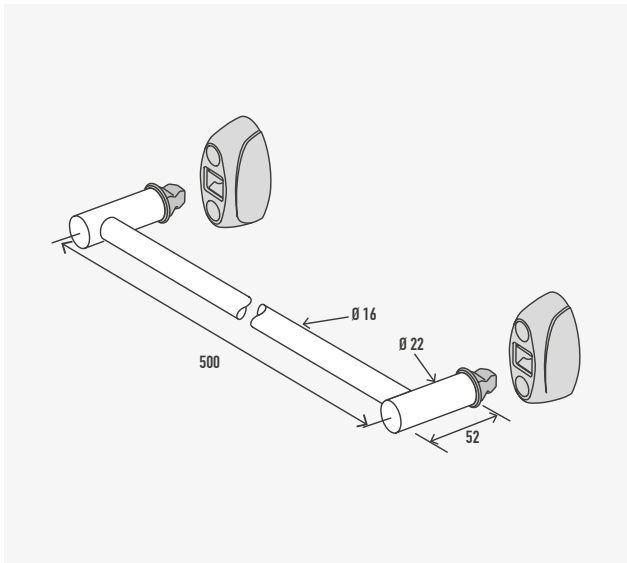
**SOAP DISH**  
PR-8111-SD-[A|B|C|D]



**TOWEL RING**  
PR-8151-TRO-X[A|B|C|D]



**TOWEL RAIL**  
PR-8201-RT-YA

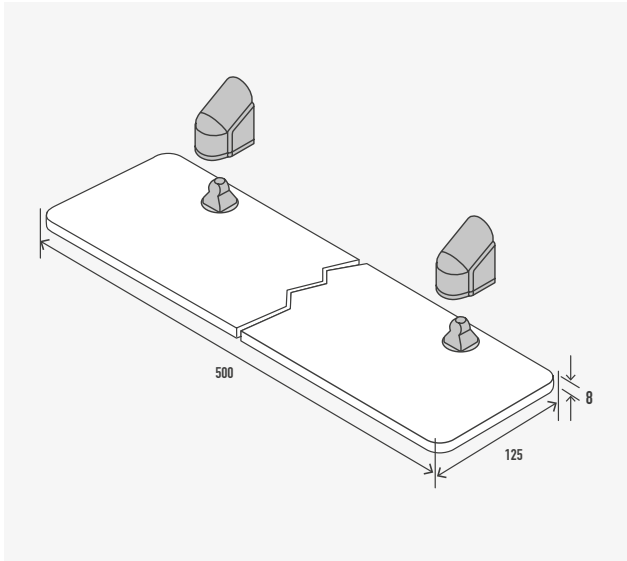


VANITY SHELF STRAIGHT

PR-8301-SH-Z[A|B|C|D]

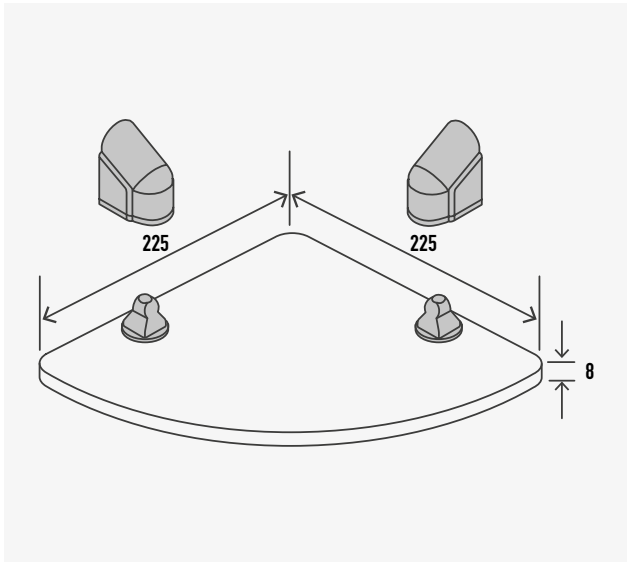


**Please note:** We recommend using the corner vanity shelf in high-risk environments.



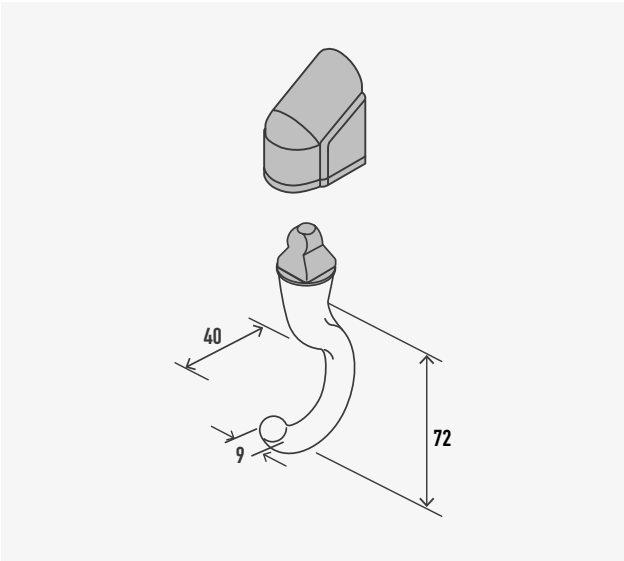
VANITY SHELF CORNER

PR-8351-SH-Z[A|B|C|D]



COAT HOOK

PR-8101-CH-[A|B|C|D]



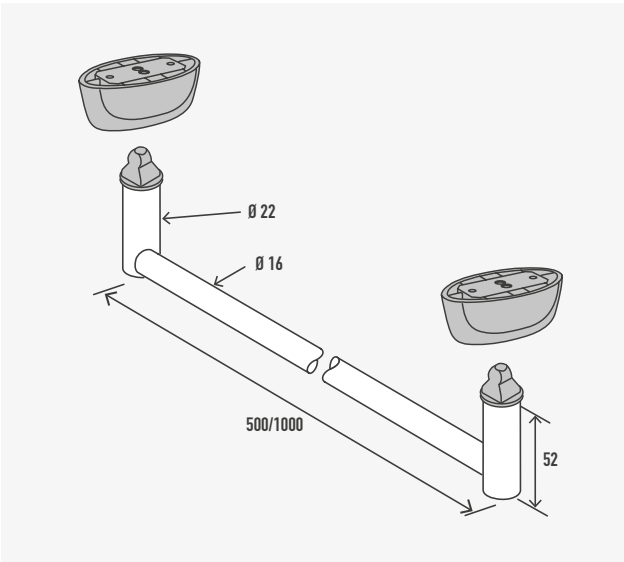
WARDROBE RAIL

PR-8221-RW-YA (500mm) & PR-8222-RW-YA (1000mm)\*

\* Includes centre bracket



**Please note:** We recommend using the 500mm version in high-risk environments.





# SHOWER TRACK



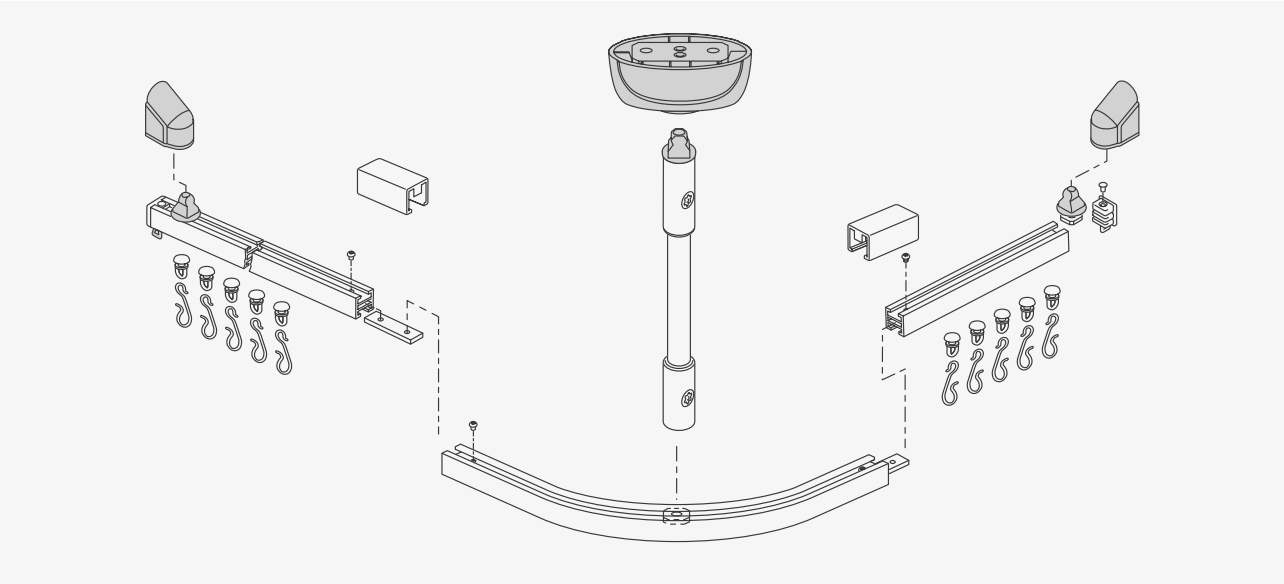
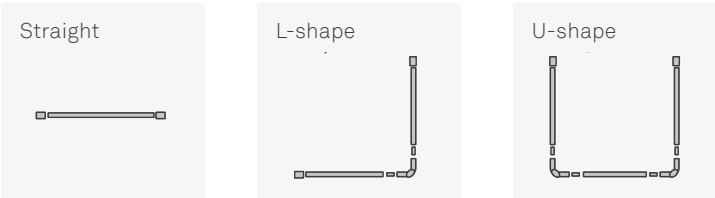
When customers told us about the limitations of existing shower tracks, we got to work. Our load release shower tracks keep bathrooms drier and safer, while preserving patient's dignity.

The patented anti-ligature load release brackets are made from shatter-resistant materials, so they can be **reused safely**, even after repeated detachment. Available in a range of sizes and shapes, the shower track provides a customisable layout to suit all shower facilities.

- Reduces breakage, building damage and maintenance costs
- Easy-glide tracks

## SHAPE OPTIONS

Available in three shapes to suit every environment. Please contact us for U-shaped product codes.



## PRODUCT CODES

STRAIGHT	PRODUCT CODES	LENGTH (MM)	COLOUR
Wall-fixed (eg PR-8451-ST-1250-D)	PR-8451-ST-	900- 1250- 1800- 2400-	A B C D
Top-fixed (eg PR-8452-ST-2400-A)	PR-8452-ST-		
L-SHAPED			
750mmx750mm (eg PR-8471-ST-L1500-B)	PR-8471-ST-L	1500-	A B C D
750mmx1200mm	PR-8472-ST-L	1950-	
1200mmx1200mm	PR-8473-ST-L	2400-	
750mmx1650mm	PR-8474-ST-L	2400-	
2500mmx2500mm	PR-8475-ST-L	5000-	

# CURTAIN TRACK



Our curtain tracks keep patients safer, protect privacy and reduce maintenance problems. Using them for window curtains helps create a homely environment by blocking light and minimising echoes.

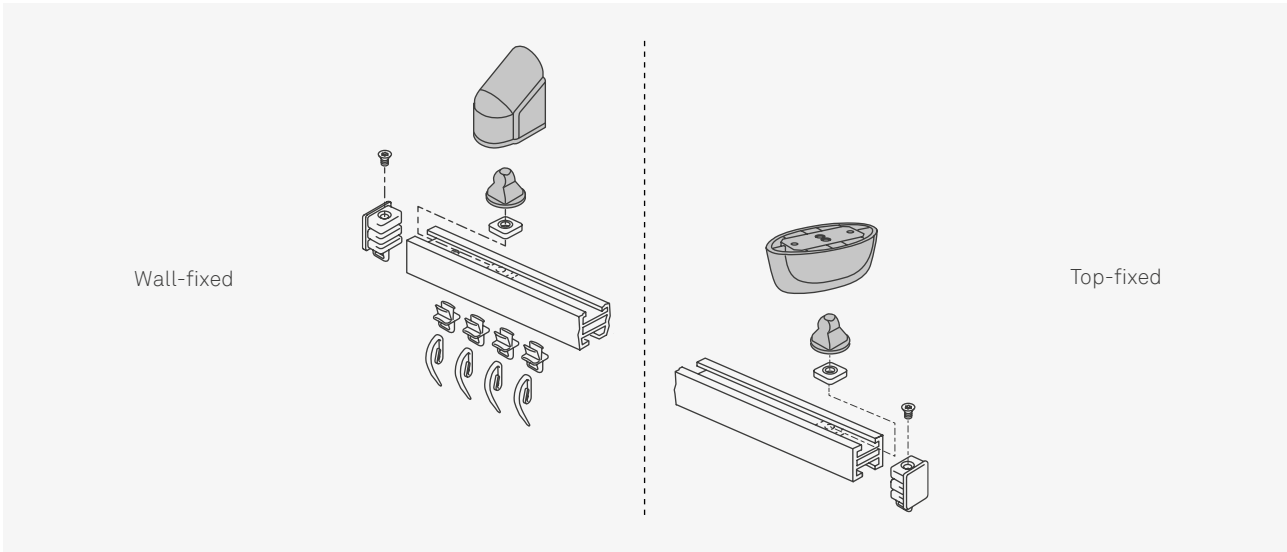
Our tracks are designed for **practical day-to-day** use, so staff and patients can draw them quickly and easily. Plus they won't detach if pulled sideways, eliminating any accidental detachment. Any abnormal vertical load over 10kg (per fixing) will immediately release the track, preventing damage to walls and ceilings and **keeping patients safe**.

Made from shatter-resistant materials, the tracks can easily be pushed back together after detachment, reducing repair costs and saving time.

- Reduces breakage, damage to to the building and maintenance costs
- Available in a wide range of sizes and curtain layouts
- Easy-glide tracks
- Available in white colour

## TOP-FIXED OR WALL-FIXED

Our two flexible fixing options provide choice for the shape and location of the curtain track.



	PRODUCT CODES	LENGTH (MM)
Wall-fixed (eg PR-8401-CT-2200)	PR-8401-CT-	1000 ... Increasing in 200mm increments
Top-fixed (eg PR-8402-CT-4600)	PR-8402-CT-	... 5000

### Avon and Wiltshire Mental Health Partnership NHS Trust



Avon and Wiltshire Mental Health Partnership NHS Trust provide care for dementia sufferers, relying on bed curtains for privacy in shared wards. Having tried magnetic track systems, they found that the curtain track detached even in normal use, causing frustration and disruption. Our load release system eliminated the problem, with only the curtain track coming free, leaving the down-poles attached the the ceiling – making it easier for staff to reattach. The down-poles are also designed to detach separately if they were used to self-harm.



## TECHNICAL AND SPECIFICATION INFORMATION

At Safehinge Primera, we specialise in the design and manufacture of anti-ligature products. Because our products are designed to save lives, and are widely used in Mental Health units, we take technical compliance very seriously.

In the absence of formal British Standards for anti-ligature products, the Door & Hardware Federation has drawn up a method of classifying fixed and load-release devices. This specification – TS001 – has been adopted for independent ligature risk assessment.

We use this specification to **independently test** and classify our anti-ligature hardware, with all our **products passing at the highest level** in their respective categories. Testing is **rigorous, measurable** and **repeatable** – so it's a reliable part of your product assessment process.

The result is **total compliance** and products which reduce the risk of self-harm, without sacrificing durability or aesthetics.

This section provides an overview of our technical information, plus details on how to specify and purchase our products.

For more in-depth technical information, including user manuals and installation advice, please visit our website: [www.shp.help/tech](http://www.shp.help/tech)

### PRODUCT SAFETY

At Safehinge Primera, safety is our number one priority. That's why all our products are rigorously designed and tested to the highest standards and come complete with a warranty. It's also why the specifier should always check the suitability of the product for their application, and always follow the instructions in our technical manuals.

# HOW TO SPECIFY AND BUY

As award-winning product developers and manufacturers, we supply our products both directly and through specialist distribution partners. These specialists can assist you in the specification process, often supported by our own nationwide specification team.


The nature of our products — and the challenging environments in which they’re used — means the specification process is critical. That’s why we believe our customers’ needs are best served when we’re involved in a project. For over ten years, we’ve been surveying, specifying, supplying and installing anti-ligature products in Mental Health environments. During that time, we like to think our involvement has resulted in the **safest and most cost-effective outcome**.

We’re always ready to offer support and our technical teams are a great source of ideas and help – particularly if you have a specific challenge. They’re also happy to arrange samples and product demonstrations.

Please get in touch to discuss a project, find a suitable local distribution partner, or to check that your regular contact knows our products.

## Request product samples or printed brochures

If you’d like printed copies of our brochures, can’t find something in our brochure, or you’d like a product sample, please contact our specification team.



**REQUEST SAMPLES & BROCHURES ONLINE**

[www.shp.help/samples](http://www.shp.help/samples)

# ACCOUNTABLE PROJECT MANAGEMENT

Our specialist project management service is designed to give you a helping hand – and the best project outcome. To get it just right, we’ve harnessed our years of experience in specifying and supplying Mental Health projects.

- 1

CONSULTATION

We’ll define the exact requirements, aligning the designer’s ambitions with a functional, recovery-led approach. And we’re **always** mindful of budgets and keeping disruption to a minimum.
- 2

SURVEY

Especially for retrofits, where dimensions and fitting can vary from room to room, we check exactly which products and components are suitable.
- 3

SCHEDULING

Aligning an architect or client brief with the survey, we produce a detailed schedule of the products and fittings required.
- 4

INSTALLATION

We’re accustomed to working in live Mental Health wards, so always ensure things are done quickly, safely and with minimum disruption to both staff and patients.
- 5

COMMISSIONING, HANDOVER AND TRAINING

Our final inspection confirms the installation is safe and meets the original brief. We also train staff in the use and safety features of the products installed.

# GET IN TOUCH

**Our customer service and specification teams can help with any queries about our locksets and handles. However you choose to get in touch, we're happy to help.**

Because we're experienced in Mental Health environments, our team welcomes the chance to discuss any challenges you might be facing, so we can set to work solving them.

Covering the whole of the UK, we'd be pleased to drop by and introduce you to Safehinge Primera, explain our products in detail, demonstrate mobile samples and listen to your requirements.

**t** 0330 058 0988

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