



RICHARDSONS

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SAFETY & SECURITY FOR YOUR PROPERTY

PROPERTY PROTECTION SOLUTIONS



SKILL, QUALITY AND EXPERIENCE

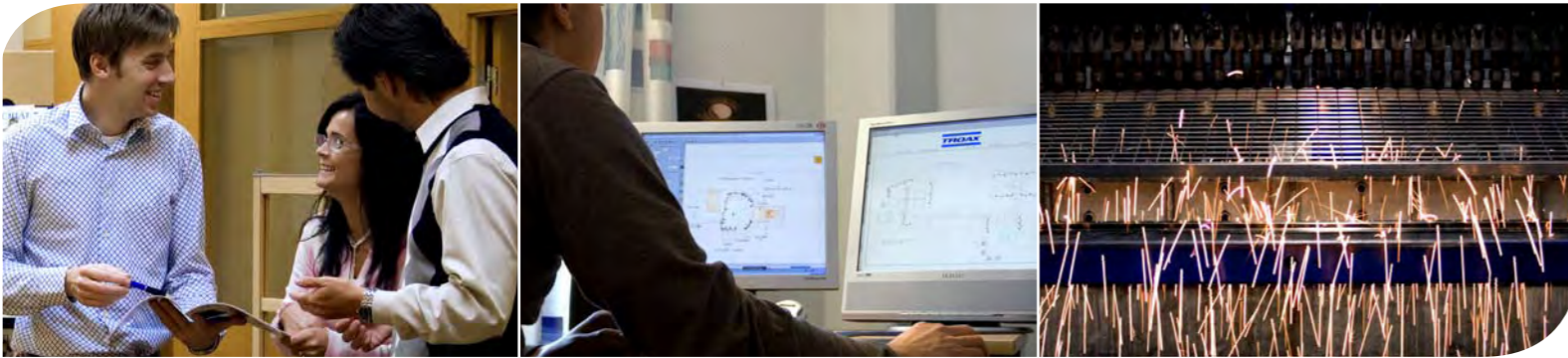
www.troax.com

✓ World leading supplier of indoor perimeter protection

Troax is the world leading supplier and producer of industrial panel and partition systems.

Our mesh and steel systems partitioning systems can be customised and supplemented to suit any application required. We fulfil your requirements through our warehouse in Swindon and our manufacturing facility in Kingswinford, either from stock or through a bespoke design.

Our tel. no. : +44 (0)1793 542000, e-mail info@troax.co.uk, you can also find your local contacts at www.troax.com



✓ Wide range of solutions

Troax delivers a wide range of high-end safety and security solutions throughout the world.

Troax can do a lot for your business security. Troax systems are divided into three market segments: the Automation and Robotics industry, Material Handling and Logistics, and Storage and Property Protection. By dividing these industries into different markets, we are able to fully focus on the technical requirements of each customer segment.



Automation and Robotics

Modern day industrial environments with advanced processes place strict demands on safety with respect to regulated access for authorised personnel. Mesh and steel panels from Troax build on a well developed modular system that can easily be tailored to suit.



Material Handling and Logistics

Safe and secure storage across all industries is a major business sector for Troax products. Among other, retailers, automotive and third-party logistic companies and defensive/government institutions all use Troax in a variety of different applications.



Storage and Property Protection

Whether it is for a new construction or if you are planning a renovation, we are certain that you will find our solutions easy to work with. Your unique requirements for space and security and our own commitment to innovation have contributed to our ongoing research and development, resulting in improved products for the customer.



Storage & Property Protection



Our strength within Storage & Property Protection

Troax have representation and local presence in all areas of the UK and Ireland, as well as mainland Europe. Troax are unique in that we can respond quickly to your enquiry and provide the appropriate modular solution with access to locally held stocks.,



Cetus - Storage System for Apartment Housing

Cetus Storage System is a modular mesh panel system to divide and secure apartment storage areas. Panels are available in three different security levels and a variety of door and locking options that enables us to meet virtually any security requirement. Satisfaction and simplicity are our keywords. We help you with standard or tailor-made storage solutions.



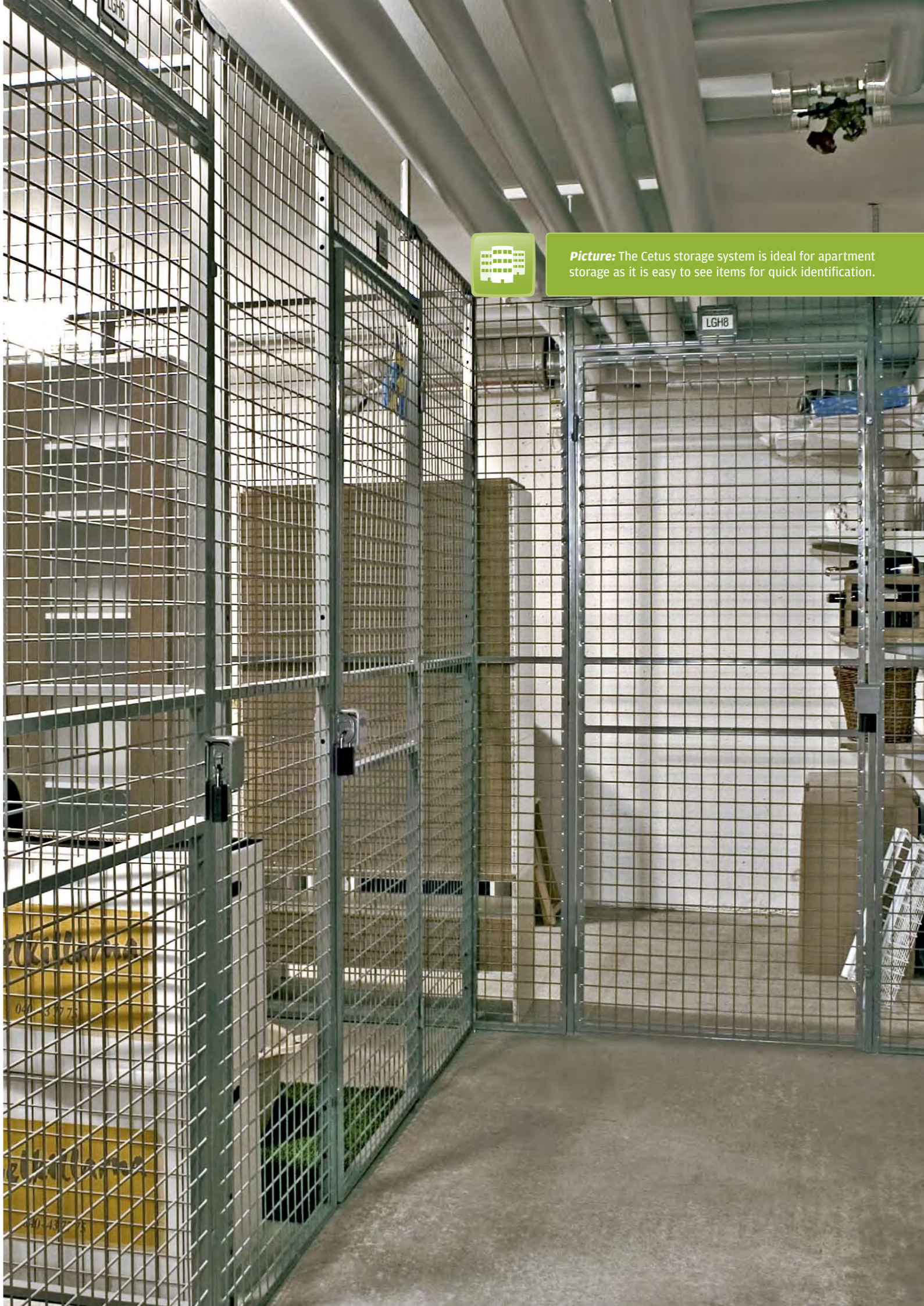
Troax Anti-Theft Protection for Garages

This system is a modular mesh panel system which secures garage spaces against break-ins. Troax offer a choice of three levels of security to help ensure we can meet any security requirement. Standard or tailor-made solutions allow us the flexibility to do this. Over time this offers return on investment and satisfied residents.



Picture: The Cetus storage system is ideal for apartment storage as it is easy to see items for quick identification.

✓ Standard and tailor-made solutions to fit all applications



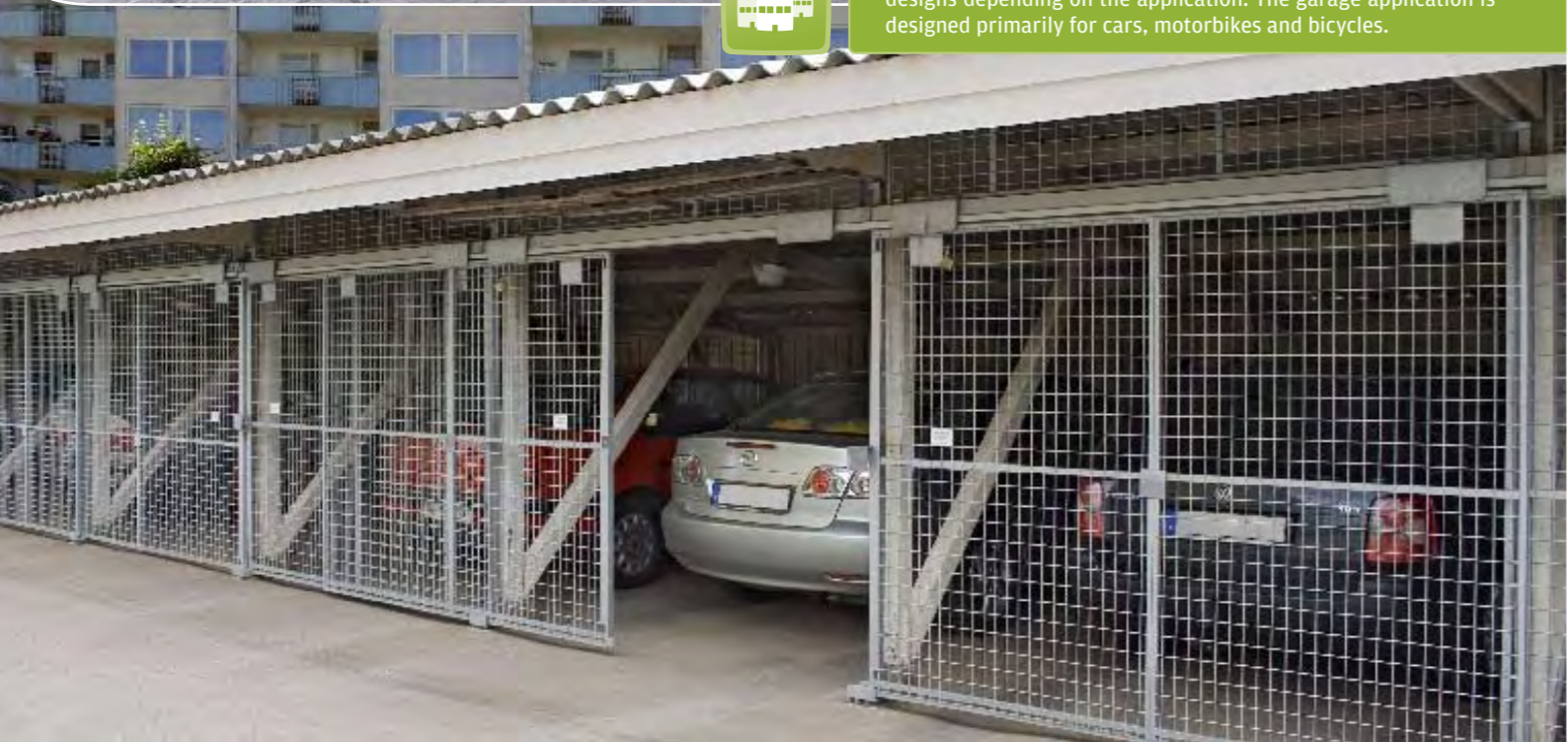
A wide range of locking options for apartment storage is available.



This page: Our garage system is available in a range of security designs depending on the application. The garage application is designed primarily for cars, motorbikes and bicycles.



Picture: The Cetus system creates a secure environment that is also aesthetically pleasing.



**✓ Easy and modular
world leading safety**



Other applications include indoor and outdoor storage for retail outlets



Picture above: Cetus panels are available in either a mesh or full-steel configuration.



✓ We bring skill, quality & competence to all our solutions



UR 350

An affordable security system

UR 350 is an excellent option for properties that have good perimeter protection or where the risk of burglary is assessed as minimal. UR 350 can also be used as a partition wall that is situated behind a front wall for a higher level of security.

UR 350 allows in natural light, facilitates ventilation and improves visibility as you can see through the mesh to identify objects. UR 350 also allows for early detection of a fire and to extinguish it directly through the mesh panel.

SECURITY LEVEL UR 350

Panels (HxW) mm:

Panel UR 350	2200 x 200
Panel UR 350	2200 x 300
Panel UR 350	2200 x 700
Panel UR 350	2200 x 800
Panel UR 350	2200 x 1000
Panel UR 350	2200 x 1200
Panel UR 350	2200 x 1500

Door for Padlock (H:2200 mm)

Door UR 350 P 750 R (opening H: 1860 mm)
Door UR 350 P 750 L (opening H: 1860 mm)
Door UR 350 P 900 R (opening H: 2000 mm)
Door UR 350 P 900 L (opening H: 2000 mm)

Door for Euro cylinder (H:2200 mm)

Door UR 350 EC 750 R (opening H: 1860 mm)
Door UR 350 EC 750 L (opening H: 1860 mm)
Door UR 350 EC 900 R (opening H: 2000 mm)
Door UR 350 EC 900 L (opening H: 2000 mm)

Door for Assa cylinder (H:2200 mm)

N/A

Technical info:

Frame:	19 x 19 x 1,0 mm
Wire:	2,5 x 2,5 mm
Mesh size:	50 x 50 mm
Finish:	Powder coated, Grey RAL 7037
Available in hot-dip galvanized finish	



UX 450

A strong security system

The UX 450 panel has a thicker wire diameter than the UX 350 model and is used primarily in properties where you are looking for good strong protection against uninvited guests. Our various locking options can help reduce the risk of incidental break-ins. Available storage space may take different forms (e.g., high, low or sloping ceilings, narrow or wide passageways) but with our accessories and patented innovations, we can resolve most installation problems.

UR450 allows in natural light, facilitates ventilation and improves visibility as you can see through the mesh to identify objects. UR 450 also allows for early detection of a fire and to extinguish it directly through the mesh panel.

SECURITY LEVEL UX 450

Panels (HxW) mm:

Panel UX 450	2200 x 200
Panel UX 450	2200 x 300
Panel UX 450	2200 x 700
Panel UX 450	2200 x 800
Panel UX 450	2200 x 1000
Panel UX 450	2200 x 1200
Panel UX 450	2200 x 1500

Door for Padlock (H: 2200 mm)

Door UX 450 P 750 R (opening H: 1860 mm)
Door UX 450 P 750 L (opening H: 1860 mm)
Door UX 450 P 900 R (opening H: 2000 mm)
Door UX 450 P 900 L (opening H: 2000 mm)

Door for Euro cylinder (H:2200 mm)

Door UX 450 EC 900 R (opening H: 2000 mm)
Door UX 450 EC 900 L (opening H: 2000 mm)

Door for Assa cylinder (H:2200 mm)

Door UX 450 AC 900 R (opening H: 2000 mm)
Door UX 450 AC 900 L (opening H: 2000 mm)

Technical info:

Frame:	30 x 20 x 1,25 mm,
Wire:	3,0 x 3,75 mm
Mesh size:	50 x 50 mm
Finish:	Powder coated, Grey RAL 7037
Available in hot-dip galvanized finish	



UX 550

The ultimate "first defence" security system

The current climate dictates a need for more personal security in residential areas, which has led to the creation of our strongest panel model, UX 550. The system is tested and approved in line with the pre-norm EN1627-30 and is used in properties that are frequently subject to attempted burglaries. Examples of other applications could be storage facilities for bicycles and other household items in the absence of an attic space.

UR550 allows in natural light, facilitates ventilation and improves visibility as you can see through the mesh to identify objects. UR 550 also allows for early detection of a fire and to extinguish it directly through the mesh panel.

SECURITY LEVEL UX 550

Panels (HxW) mm:

Panel UX 550	2200 x 200
Panel UX 550	2200 x 300
Panel UX 550	2200 x 700
Panel UX 550	2200 x 800
Panel UX 550	2200 x 1000
Panel UX 550	2200 x 1200
Panel UX 550	2200 x 1500

Door for Padlock (H: 2200 mm)

Door UX 550 P 900 R (opening H: 1860 mm)
Door UX 550 P 900 L (opening H: 1860 mm)

Door for Euro cylinder (H:2200 mm)

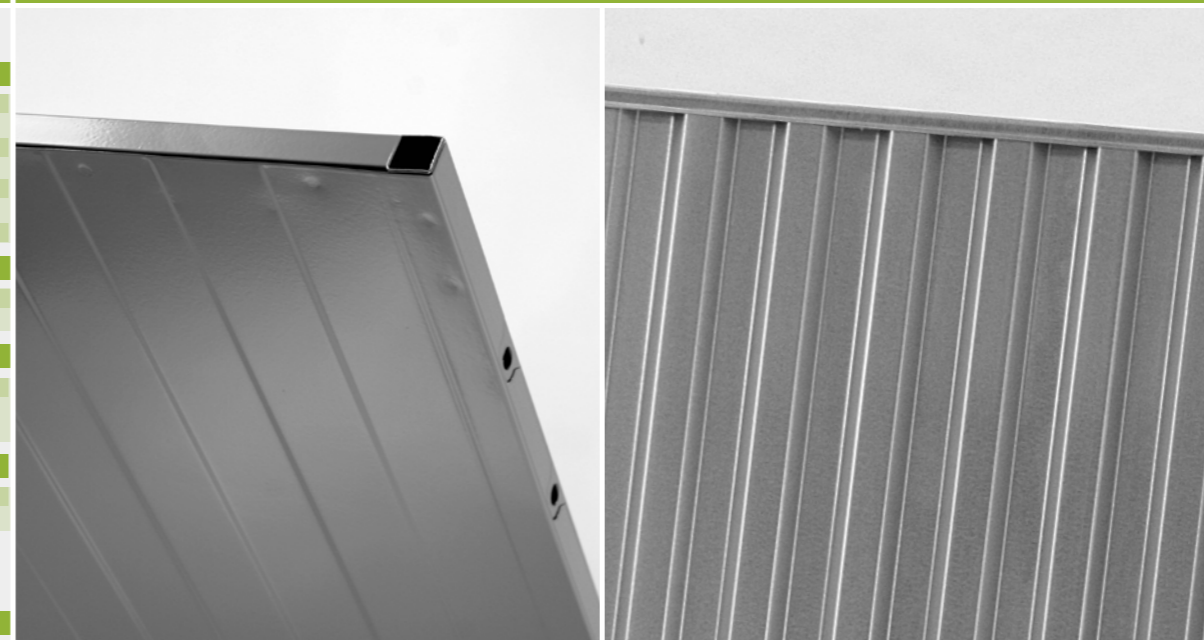
Door UX 550 EC 900 R (opening H: 1970 mm)
Door UX 550 EC 900 L (opening H: 1970 mm)
<i>Lock included</i>

Door for Assa cylinder (H:2200 mm)

Door UX 550 AC 900 R (opening H: 1970 mm)
Door UX 550 AC 900 L (opening H: 1970 mm)

Technical info:

Frame:	Vert. 30 x 20 x 1,5 mm
	Horiz. 30 x 20 x 1,25 mm
Wire:	5,0 x 5,0 mm
Mesh size:	50 x 50 mm
Finish:	Powder coated, Grey RAL 7037
Available in hot-dip galvanized finish	



UR SP and Type P

Two comprehensive sheet metal solutions as options

Where there is a need for further security and/or privacy, full-steel panels can be substituted, or used in combination with, mesh panels. Full steel panels are available in all three panel models.

UR SP

Panels (HxW) mm:

Panel UR SP	2200 x 200
Panel UR SP	2200 x 300
Panel UR SP	2200 x 700
Panel UR SP	2200 x 800
Panel UR SP	2200 x 1000
Panel UR SP	2200 x 1200

Door for Padlock (H: 2200 mm)

Door UR SP P 900 R (opening H: 2000 mm)
Door UR SP P 900 L (opening H: 2000 mm)

Door for Euro cylinder (H:2200 mm) N/A

Door for Assa cylinder (H:2200 mm) N/A

Technical info

Frame:	19 x 19 x 1,0 mm
Steel thickness:	0,7 mm
Finish:	Powder coated, Grey RAL 7037
Not available in hot-dip galvanized finish	

Type P

Panels (HxW) mm:

Panel P	2200 x 200
Panel P	2200 x 300
Panel P	2200 x 700
Panel P	2200 x 800
Panel P	2200 x 1000

Door for Padlock (H: 2200 mm)

Door P 850 R (opening H: 2000 mm)
Door P 850 L (opening H: 2000 mm)

Door for Euro cylinder (H:2200 mm) N/A

Door for Assa cylinder (H:2200 mm) N/A

Technical info

Frame:	N/A
Steel thickness:	0,6 mm
Finish:	Aluminium Zinc
Not available in painted finish	