



Safety by Engineering
Supply+

Roller Shutter Guide

Roller Shutters

Built for the last 20 years and specifically designed to meet the demanding needs of Aviation and Petrochemical industries as well as Fire, Police & Military applications.

AS locking systems offer a rapid single handed access by a full width external latch. Our patented flexible hinge shutter doors have an anodised finish as standard and comes complete with side, top and bottom weather seals. All shutters can also be supplied fully powder coated to any colour required.

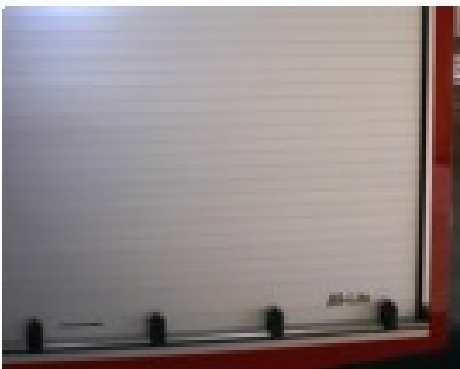
Installation is made simple with aluminium extruded guide channels with preformed flag plates to allow the accurate alignment of the storage roller.



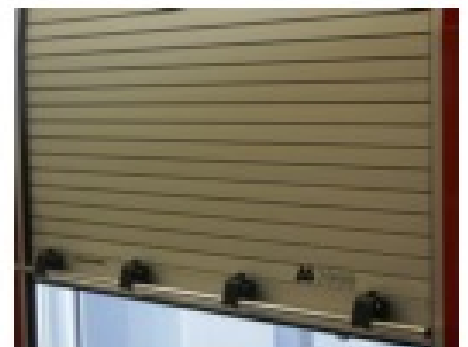
Shutter curtain options



Century 2000 Mechanical or Flexible Hinge



AS Lite



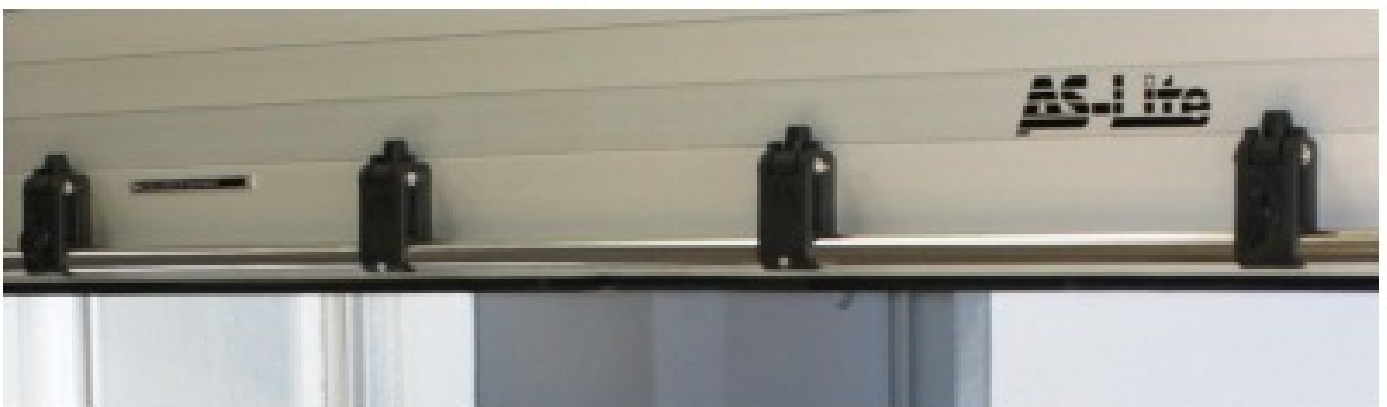
Latch Options



Extruded latch



Simple bar latch



Flat bar latch

Guide Channel Options



Guide Channel

Part No **M4284**

AS-Lite shutters only

This Guide Channel can be positioned to suit the installation keeping most options open



Guide Channel + Capping

Part No **M4284 + M4285**

AS-Lite shutters only

The capping raps around on to the body side in the same way as our Flush Fit Guide Channel. The independent Guide Channel can then be positioned to suit the installation keeping all options open



Front Fix Guide Channel

Part No **M4256**

AS-Lite shutters only

This Guide Channel can be fixed to the body side and/or fixed in the normal manner to the side of the locker. The outer fastener well is covered by an infill strip, there is a matching Top Seal Housing to go with this Guide Channel.

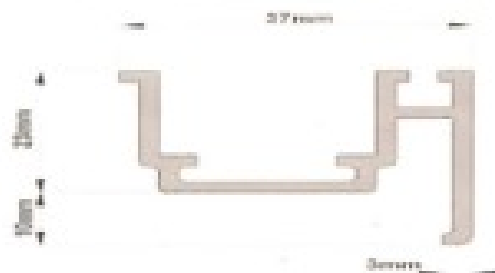


Guide Channel

Part No **M4203**

CENTURY 2000 shutters only

This Guide Channel can be positioned to suit the installation keeping most options open



Flush Fit Guide Channel

Part No **M4244**

CENTURY 2000 shutters only

This Guide Channel overlaps the side of the vehicle body giving construction options to the body builder. The thickness of the header plate is limited to 5mm (3/16") see our Top Seal Housing to go with this Guide Channel.



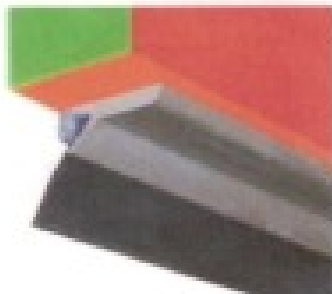
Lined Guide Channel

Part No **M4274**

CENTURY 2000 shutters only

This Guide Channel incorporates a stainless steel liner for application such as pump bay shutters. It can be positioned to suit the installation keeping most options open

Top Seal Options



Standard recessed

M4205 + M4221

Our original top seal the housing fixes to the underside of the header plate. Suitable for recessed shutters with a mounting surface thickness of 20mm or greater is required.



Flush fit drip rail

M4245 + M4221

Developed to go with our flush fit roller shutters the seal housing incorporates a drip rail channel which stops water running down across the shutter opening. With the standard length seal the thickness of the header plate is limited to 5 mm or less.



Flush fit drip rail with long seal

M4245 + M4264

As above but for use with recessed shutters the use of a longer seal enables an increased header plate thickness of up to 15mm to be used.



NEW Front fix drip rail

M4258 + M4264

From our front fix roller shutters this seal housing incorporates a drip rail channel which stops water running down across the shutter opening. With the long length seal the thickness of the header plate is limited to 10 mm or less. The flat mounting surface makes it ideal for continuous one piece installation. The fasteners are hidden behind a black cover strip.

Roller Shutter SSI

The SSI uses inductive proximity sensing technology in conjunction with a roller-shutter to indicate to the driver whether those shutter doors are closed and firmly in position, or are lifted open.

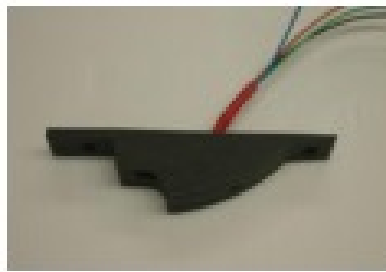
The secondary function of the SSI is to relay an electrical current to a lockers ambient lighting system when it detects that the roller-shutter door is starting to open so personnel can easily access stored equipment in low light conditions.

In addition, this unit has been designed specifically so it can be retro-fitted to the outside of appliances to retain the roller shutter in the closed position using locker wiring that may already be in place. There are no setup procedures that need to be carried out on the unit during installation.

The SSI also incorporates within its circuitry a small delay (< 2 Seconds) before the current is sent to an internal lighting system to suppress any false outputs due to movement in the shutters handle bar when the vehicle is in motion.

The SSI has been fully tested to European community directives and approved by the VCA.

The SSI is available for all 24v and 12v DC electrical systems.



Extreme Environment Roller Shutters

Our extreme environment roller shutters have been in use with major oil companies for many years. Originally developed in 1985 these shutters are in use in the cold of Canada and the heat of the Libyan desert as well as off shore and in many other locations around the world.



Our patented elastomeric hinge that joins and seals between the shutter laths is ideally suited to harsh conditions. Unlike mechanically hinged shutters it will not seize up when salt incusted nor will the ingress of sand particles or frozen water stop the articulated operation of the shutter.

The shutters are constructed from custom extruded anodised aluminium alloy which is cut to size and then powder coated. The use of custom injection moulded plastic with other corrosion resistant parts has proved to be a successful combination. When it comes to maintenance the AS extreme environment shutter should only require periodic cleaning. They have a track record of requiring little if any in the way of replacement parts.