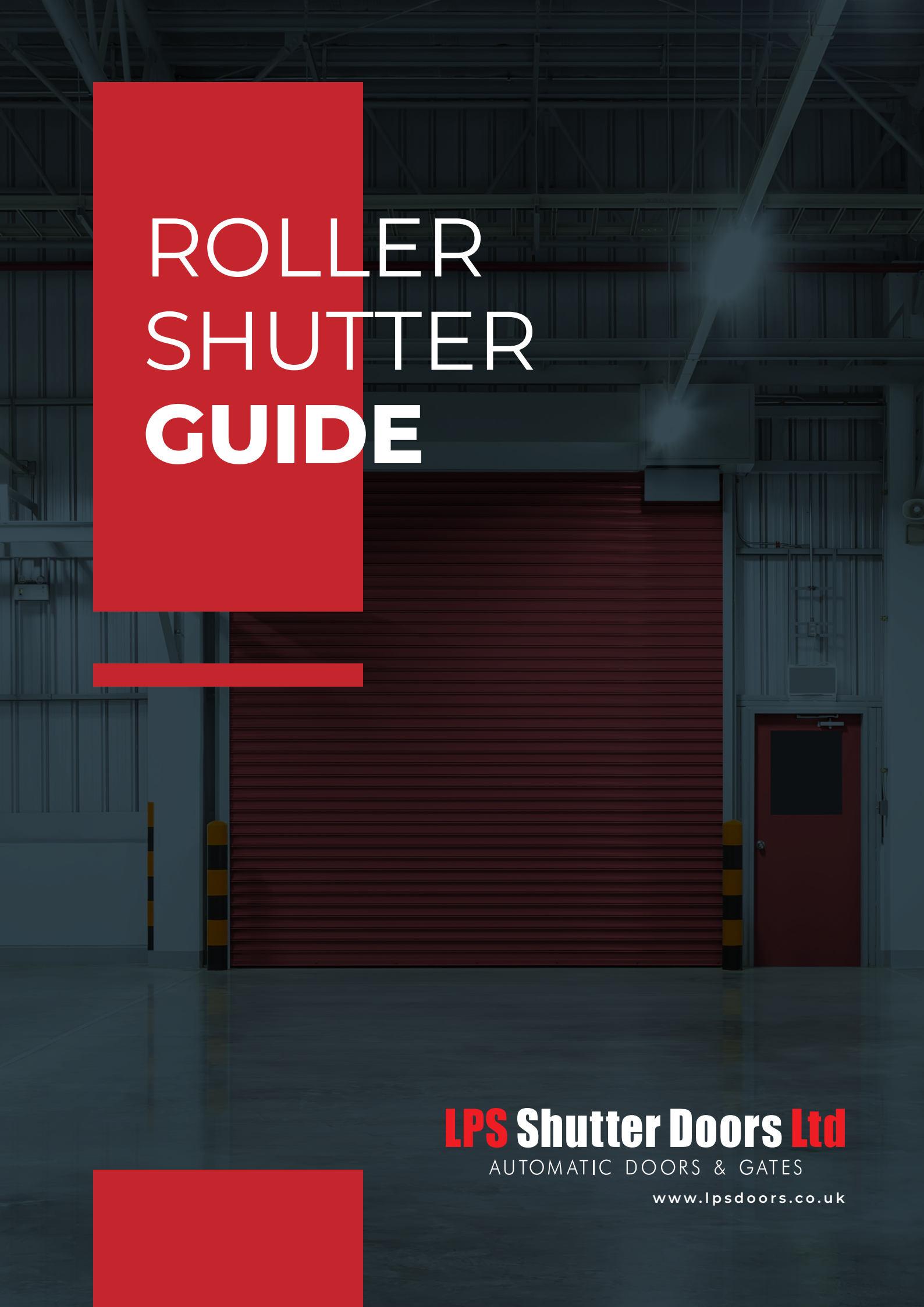




ROLLER SHUTTER GUIDE

LPS Shutter Doors Ltd

AUTOMATIC DOORS & GATES

www.lpsdoors.co.uk

LPS QUALITY APPROVED ROLLER SHUTTERS

All the elements of LPS roller shutter systems are tested for compliance with the European quality standards, compatibility of components and reference colour compliance.

All our shutter doors offer a great way to protect your commercial premises without paying over the odds, with their durability, reliability and safety at the core of every shutter door we install, LPS shutter doors will support and guide you every step of the way.

Top-quality materials, excellent field service and optional maintenance program contribute to extended door life, low maintenance costs and maximum productivity.



**Find out why so
many companies are
choosing LPS Shutter
Doors.**

ABOUT US

OUR COMPANY

Who are we?

LPS Shutter Doors have specialised in the manufacture and installation of a range of security products for commercial and industrial clients alike.

Our range of products includes security shutters and security doors, as well as gates and railings. We take into account your requirements by assessing your property and the needs of your business to help you get the right product, within your budget.

There is nothing more important than protecting your premises from damage – accidental or otherwise – which is why we use superior quality materials, as well as our trained technicians and engineers, to get the job done.

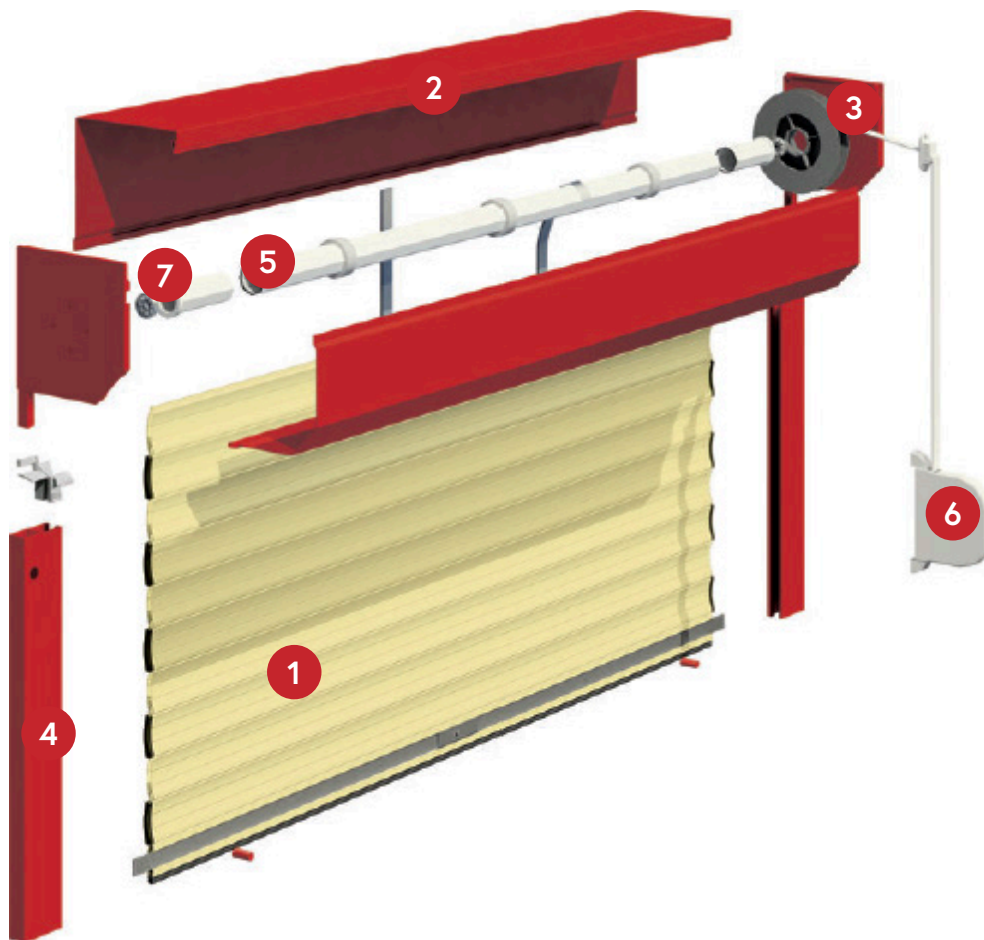
Our aim is to make your experience a positive as possible.

We constantly evolve to incorporate the latest technology and design materials, and we are consistently extending our areas of coverage – we currently serve Luton, Stevenage, Milton Keynes and Bedfordshire.

On top of all this, we even provide maintenance and repair services for your doors and shutters, with a 24 hour call out service for emergencies.



PROFILES AND COMPONENTS FOR ROLLER



1. ROLLER SHUTTER CURTAIN

Roll-formed roller shutter profiles

With standard foam insulation either perforated or non perforated

Extruded roller shutter profiles

Single-walled, Reinforced double-walled,

End slats

Universal end slats for key lock and joint profiles.

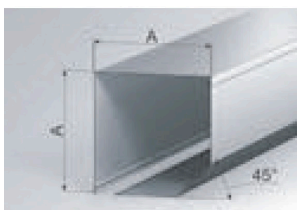
End slats have crimped in inserts in pvc or brush when painted. Mill finish has no insert to allow for painting grillwork

2. SHUTTER BOXES

Diversity of shapes
for any architectural style



Roll-formed SF20



Roll-formed SF45



Roll-formed SF-QR
Extruded SF-P/QRE



Roll-formed SF-R
Extruded SF-P/RE

Built-in shutter boxes
SB-I

3. END CAPS

Perfect matching with shutter
boxes

End caps 20° SB20

End caps 45° SB45

Quarter-round end
caps SB-QR

Round end caps SB-R

End caps 90°
SB90

4. GUIDE RAILS

Optimal solutions for all types
of openings

Colour range of guide rails:

Variety of colours with textured structure,
Variety of colours with glossy finish

Standard guide rails
Reinforced guide rails
Special guide rails – angle, stand off, distance

5. OCTAGONAL ROLL TUBES

Options for any type of roller shutter
systems, rolling doors and rolling grills

Steel octagonal and round roll tubes – in a variety of sizes and types

6. CONTROL SYSTEMS

Range of drives for comfortable control
and fulfillment of any tasks

Hand operators: strap, rope, cord, crank, assist and push-up spring mechanism.
Electric drives and control elements Somfy, Nice, Nero Electronics and AN-Motors.

7. RELIABLE OPERATION OF ROLLER SHUTTER COMPONENTS

Reliable operation and aesthetic look of
the roller shutters

Caps, pulleys, ball bearing supports, retainer springs, distance rings, side locks, security locks,
safety plates, entry guides, pins plug buttons, stoppers, correction fluids etc.

QUALITY ASSESSMENT

Wind resistance

All LPS roller shutter profiles are tested for wind resistance in accordance with EN13659, EN12424 on our in house test wall KS PC (Germany).

Wind resistance for roller shutters is as following:

• 600 Pascal according to EN 13659, this corresponds to the wind speed of 31,6 m/sec;



Testing winding parameters of roller shutter curtain

All the LPS new shutters are tested for winding parameters of roller shutter curtains depending on different sizes of shutter boxes, roll tubes and suspension types meaning that operation reliability and high performance is guaranteed.

ROLLER SHUTTER SLATS

Wide range of the profiles

- .. 15 sizes – AR/36, AR/37, AR/375, AR/39, AR/40, ARH/40, AR/41, AR/45, AR/52, AR/55m, AR/55, ARH/55, AR/555, AG/77, AG/77H;
- .. facility to install roller shutters in the openings with width up to 6 m and square up to 18 m²;
- .. the profiles with standard and high density foam



Stable geometry of slats

The characteristics of each profile are always constant and correspond to the declared values. On a daily basis more than 13 values of the profile geometry are checked during the production process. The major values are the profile's thickness and height of the coated surface.

The optimal thickness of aluminium coil

The coil of the set thickness is used in the production of our shutters guarantees the stability and strength characteristics of each profile – wind resistance and resistance to load impact, dent proof, increases durability of the profile. Thickness of the coil with coating is from 0,28 mm (for profile AR/37) up to 0,49 mm (for profile AG/77) depending on size of the profile.

Two-layer coating with polyamide particles

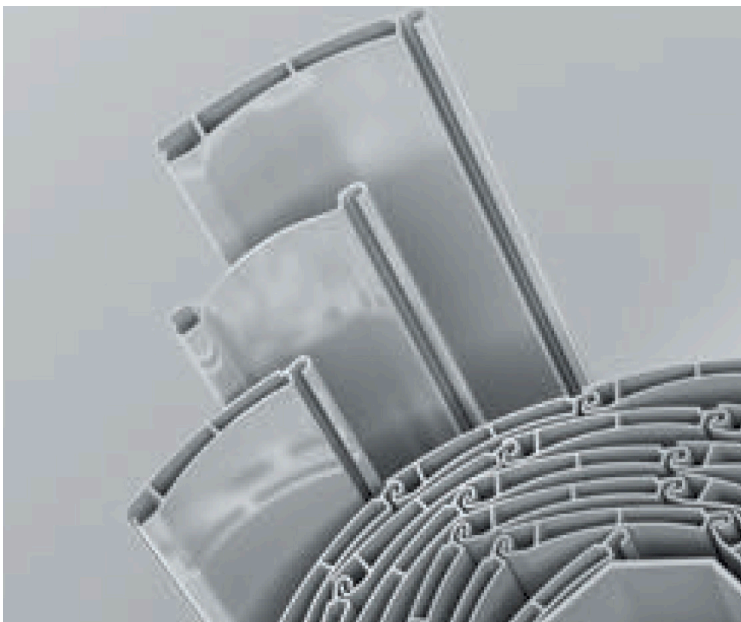
Resistance to rubbing and scratching, splitting and flaking, UV and temperature fluctuations, corrosion and abrasion. High-quality blank lacquering of the internal coil layer preserves foam adhesion and prevents any coil and profile geometry deformation.

LPS

ROLLER SHUTTER SLATS

High anti-corrosion values of the coating

High resistance of the extruded profiles' lacquer coating to corrosion protects all of LPS shutters. Meaning that all our shutters are prepared for all weather conditions.



Optimal winding capacities of the curtain

Stable geometry and sickle-shaped configuration of LPS profiles in the curtain guarantee good and constant winding capacities.

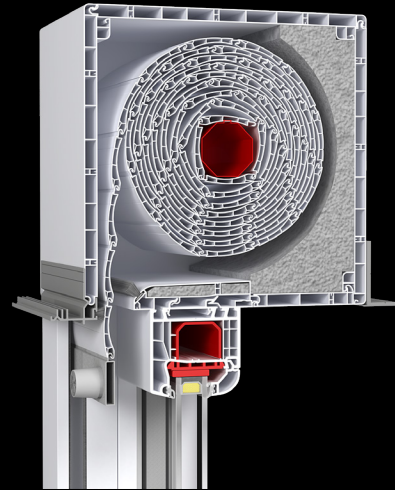
This all leads to minimizing the cost of a roller shutter by applying smaller size end caps and shutter boxes.

SHUTTER & BOX AND END CAPS

Wide range of the shutter boxes & end caps

- 20°
- 45°
- Round
- Quarter-round
- 90° for built-in shutter boxes.

A wide range of different sizes from 125 up to 405 mm, end caps with pins, intermediate two-sided and through end caps for combined roller shutter



Correct alignment of the shutter box to the end caps

Stable geometry and daily quality control of more than 10 parameters guarantee correct fitting of the shutter box to the end caps.

High quality of the lacquer coating

Resistant to splitting and flaking.
Stable brightness and colour.
Resistant to the detergents and chemicals, UV and temperature



Quality of the end caps casting

High quality of the ALUTECH end cap casting is achieved by the use of primary aluminium alloys and hi-tech equipment.

Good quality processing and powder-coating of the end caps emphasizes decorative features.

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