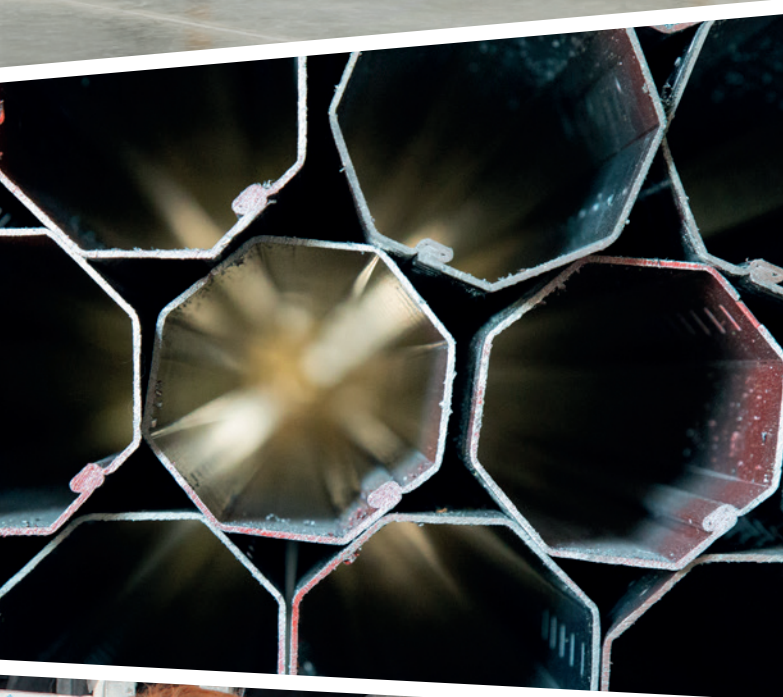




Security
& Fire Protection





About Aluroll

Established in 2004, Aluroll has grown exponentially to become the UK's largest independent manufacturer of roller garage doors and security shutters to the B2B market. This growth is a testament to the commitment of our employees to customers and their continued sense of teamwork.

Aluroll operates from a 50,000 square foot factory situated in Oswestry, Shropshire, with dedicated garage door, aluminium and steel production areas. In 2021, further investment was made in a state-of-the-art powder coating plant, enabling us to take our service and lead times to another level.

Aluroll has formed strategic alliances with leading raw material suppliers. Insulated profiles are sourced from Aluprof, Alukon, Alutech & D4. Hydro Aluminium & Tata Steel supply the extruded aluminium profiles and roll formed steel sections. Our primary motor and control system partners are Somfy, JCM, Ellard & GfA. We systematically review our supply partners to ensure high standards are consistently maintained. As a member of the Door and Hardware Federation, the company has demonstrated technical excellence, legal compliance and safety in all its operations.

Aluroll is assessed and certified by a number of leading independent bodies. The company meets ISO 9001:2015 quality management standard (to BS EN 13241-1:2003) and all products are UKCA and CE Marked.

Aluroll has developed a range of high security aluminium security solutions for our clients. All of our "Secured By Design" products are tested and approved by the LPCB (Loss Prevention Certification Board) to LPS1175 from the base rating SR1 / A1 through to SR5 / E10. Regular external audits by BRE Global ensure exacting standards.

Our flagship E130 Elite security shutter has been tested and certified to the latest LPS1175: Issue 8 standard achieving a SR5 / E10 security level. As such, Aluroll's E130 is approved by the NPSA (National Protective Security Authority) & NaCTSO (National Counter Terrorism Security Office) to protect facilities holding pathogens, toxins & radiological materials.

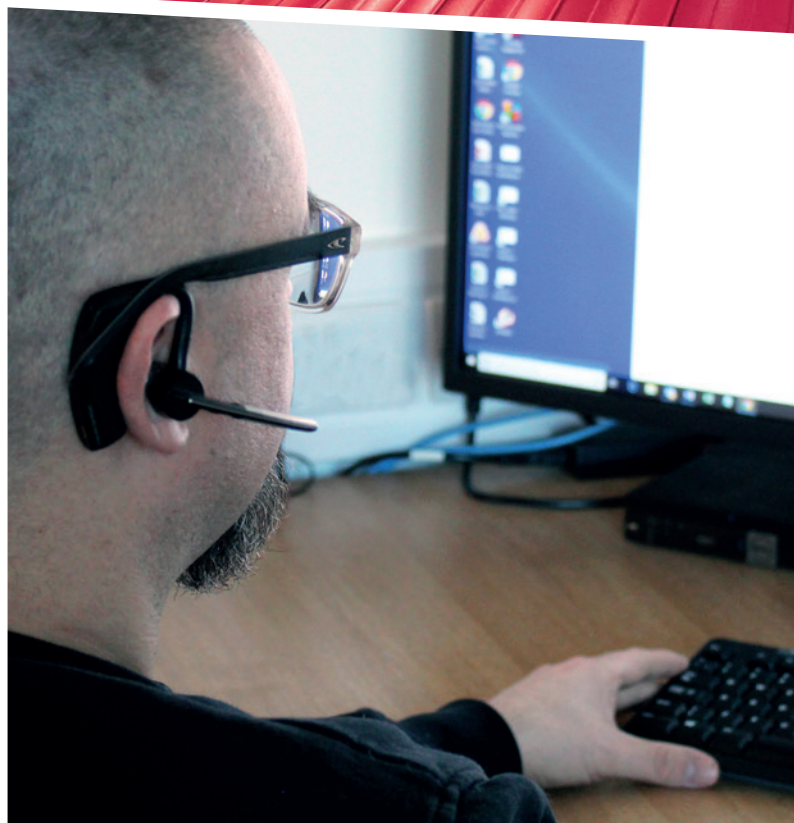
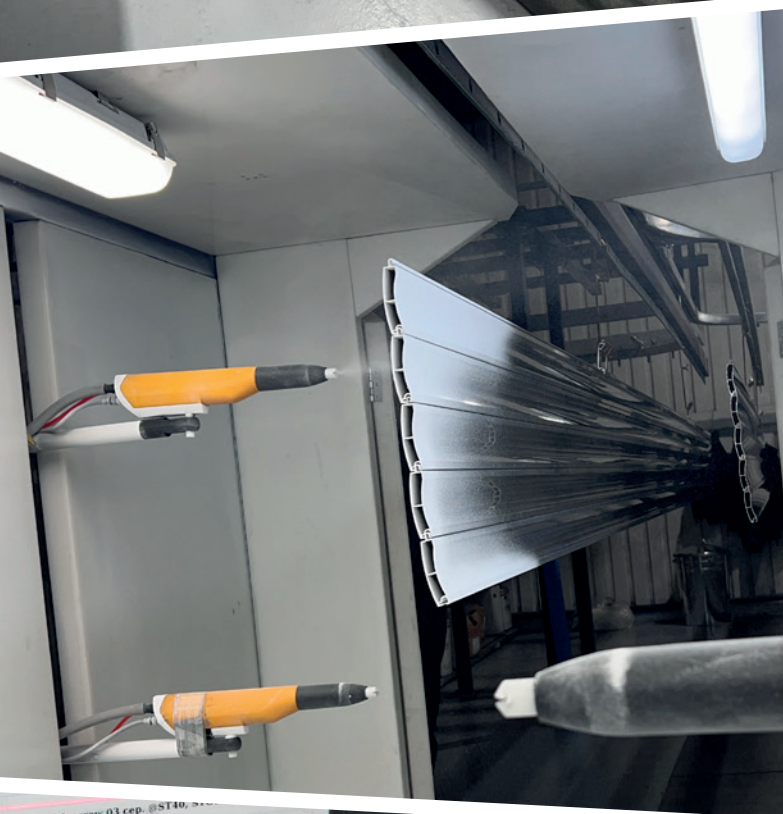
Tested and approved to Certisecure STS202 BR1, the Secureroll Classic roller garage door is Secured by Design (SBD), a Police Preferred Specification for designing out crime.

Flameroll fire shutters have been tested at Warringtonfire and certified by Element Materials Technology to the EWCL5 scheme. Flameroll fire shutters and curtains offer 1 to 4 hour fire protection.



warringtonfire





Product Categories



Security Shutters

Aluminium and steel roller shutters to suit all types of opening. From compact window shutters to heavy duty industrial applications, Aluroll offers a solution.

See page 8 for general specifications or page 10 for the high security Elite range, rated SR1 to SR5 according to LPS 1175 by the Loss Prevention Certification Board.

- ✓ Insulated & Vision Options
- ✓ Powder Coating
- ✓ LPCB Elite Upgrades

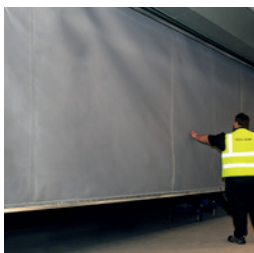


Fire Shutters

Flameroll FS roller shutters are rated for 1, 2 and 4 hours of fire resistance according to the latest in fire standards. Choose a single-skinned steel curtain or the double-skinned FS130i, which contains a unique insulating board for exceptional performance against radiant heat.

See page 13 for more information.

- ✓ 1 to 4 Hour Ratings
- ✓ Single or Double Skin
- ✓ Powder Coating



Fire & Smoke Curtains

Flameroll FC fire and smoke curtains are made from woven glass fabric with stainless steel wire reinforcement. They are tested to the latest fire standards for 1, 2 and 4 hours.

See page 13 for more information.

- ✓ 1 to 4 Hour Ratings
- ✓ Multiple Barrel Units Available

The Security Shutter Range...

Aluminium Products

	Profile Type			Application		Measurements				
	Insulated (U-Value, W/m²K)	Extruded	Vision	Domestic	Commercial / Retail	Slat Face (mm)	Max Width (mm)	Max Area (m²)	Curtain Weight (kg/m²)	Guide Width(s) (mm)
M411	✓ 3.7			✓	✓	42	3400	8	3	53 / 65
T55	✓ 2.9			✓	✓	55	3600	10	3.5	65
M511	✓ 2.2			✓	✓	55	5000	12	4	66
E37		✓		✓	✓	37.5	4000	12 (Tubular) 8 (Manual)	7.5	53 / 66 / 60HD
V37			✓ Punched		✓	37.5	4000	9	5 (Without glazing) 6.5 (With glazing)	
P37			✓ Perforated		✓	37.5	4000	9	6	
T77	✓ 1.5			✓	✓	77	5500	16	5	70 / 90 (150 option available)
E77		✓			✓	77	6000	25	8.5	
V77			✓ Punched		✓	77	6000	25	7 (Without glazing) 8.5 (With glazing)	
P77			✓ Perforated		✓	77	6000	25	7.5	

Steel Products

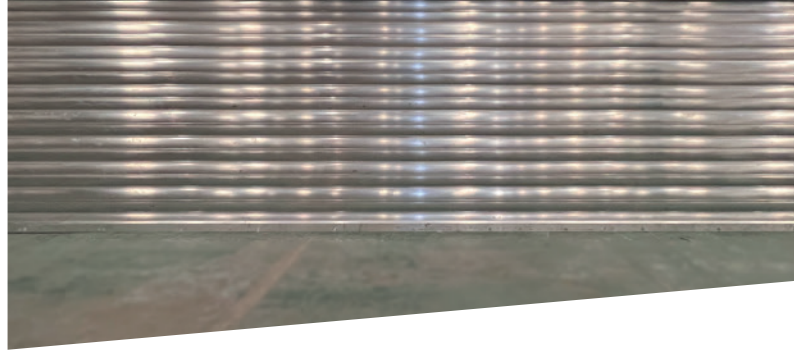
	Profile Type			Application		Measurements				
	Insulated (U-Value, W/m²K)	Extruded	Vision	Commercial / Retail	Industrial	Slat Face (mm)	Max Width (mm)	Max Area (m²)	Curtain Weight (kg/m²)	Guide Width(s) (mm)
i95	✓ 1.1			✓	✓	95	7000	40	11.3	85
Tube & Link			✓	✓	✓		6000	12	9	50 / 65 / 100
Proflight Solid			✓ Transparent Polycarbonate	✓		107	8500	40	10.5	100
S76	✓ 1.5			✓	✓	76	7000	42	9.8 / 12.5 / 16.7 (Depending on size/ gauge)	65 <5000 / 5000> 100 Windlock
P76		✓	✓ Perforated	✓	✓	76	7000	35	9.8 / 12.5 / 16.7 (Depending on size/ gauge)	65 <5000 / 5000> 100 Windlock
V76			✓ Punched	✓	✓	76	7000	35	9.8 / 12.5 / 16.7 (Depending on size/ gauge)	65 <5000 / 5000> 100 Windlock

Note: Larger door sizes are available for bespoke projects.

Motors & Controls	Box Size & Plate Height (guide height up to, mm)							LPCB Certified Elite Option Available?
	150	165	180	205	250	300	360	
✓ Tubular motor	1050	1435	1720	2295	3350			
✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation		1235	1520	2195	3200			
✓ Manual options available (cord belt / spring & lock)				1745	2900	4200		
✓ Tubular motor	1050	1535	1820	2695	3550	4700		✓ SR1
✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation								
✓ Manual options available (cord belt / spring & lock)								
✓ Tubular motor					1750	2650	4640	✓ SR1
✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation					1650	2600	4640	✓ SR2
✓ Manual operation available for shutters up to 6m ²					1650	2600	4640	✓ SR2
					1650	2600	4640	

✓ E130 SR3, SR4 & SR5 also available. See page 10 for the full LPCB range.

Motors & Controls	Box Size & Plate Height (guide height up to, mm)						
	305	355	400	450	500	550	600
✓ Tubular motor			3500	4500	5500		
✓ Outboard motor (single or three phase)							
✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation	2695 (Tubular)	4145 (Tubular)	4500 (Tubular) 5200 (Outboard)	6000 (Outboard)			
✓ Tubular motor	2750 (Tubular)	4000 (Tubular)	4500 (Tubular) 5000 (Outboard)	6000 (Outboard)		7000 (Outboard)	
✓ Outboard motor (single or three phase)							
✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation							
✓ Tubular motor	2695 (Tubular)	4000 (Tubular)	5000 (Tubular) 6000 (Outboard)			6000 (Outboard)	
✓ Outboard motor (single or three phase)							
✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation							
✓ Manual spring & lock operation available for shutters up to 6m ²							



LPCB Approved Security Shutters

The Standard for Security

The Loss Prevention Certification Board (LPCB) is the world's leading security body. Its approval provides assurance that a product has passed a strict set of independent tests and assessments set by a panel of experts in the field. As a result, LPCB certification is internationally recognised as a mark of quality and specified by governments, regulatory bodies and others requiring assurance of safety and security.

Aluroll's Elite security shutters have been successfully tested according to the LPCB's LPS 1175 standard. This specification provides a security rating based on resistance to attack using a number of different tools for various lengths of time. Please refer to www.redbooklive.co.uk for further details.



LPCB Products

	Security Rating (as tested by the LPCB, according to the LPS 1175 standard)	Profile Type			Measurements				
		Insulated (U-Value, W/m ² K)	Extruded	Vision	Slat Face (mm)	Max Width (mm)	Max Area (m ²)	Curtain Weight (kg/m ²)	Guide Width(s) (mm)
E37 Elite	SR1		✓		37.5	3000	8.5	8	60HD
T77 Elite	SR1	✓ 1.5			77	5000	20	5	150
E77 Elite	SR2		✓		77	5000	25	8.5	150
V77 Elite	SR2			✓ Punched	77	5000	25	8.5 (with glazing)	150
E130	SR3 & SR4		✓		105 slat + 25 anti-lift profile	10000	90	30	120
E130*	SR5		✓		105 slat + 25 anti-lift profile	10000	90	32	120

* NPSA rated product: Approved for UK Government use, for details contact NPSA.

Choose Elite Protection

Aluroll's Elite range of aluminium security shutters are rated by LPCB from SR1 through to SR5.



E37 Elite (SR1)

Extruded profile offering strength and security in a compact design.

Suitable for: Medium security, domestic and commercial applications.



T77 Elite (SR1)

With a polyurethane core for insulating properties and quiet operation.

Suitable for: Medium security, domestic and commercial applications.



E77 Elite (SR2) & V77 Elite (SR2)

Extruded for strength. Incorporate vision (V77 Elite) whilst maintaining high security.

Suitable for: Medium to high security, commercial and shop front applications. The V77 option enables see through vision.



E130 Elite (SR3 / SR4 / SR5)

Exceptional security levels in a market-leading innovative and lightweight aluminium design.

Incorporates an anti-lift profile component, and anti-cut bars in the SR5.

Suitable for: High security, commercial and industrial applications.

Please note all Elite products are rated subject to specific fixing requirements.

Motors & Controls	Box Size & Plate Height (guide height up to, mm)						
	150	165	180	205	250	300	360
✓ Tubular motor ✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation	1050	1535	1820	2695	3550	4000	
					1750	2650	4640
					1650	2650	4640
					1650	2650	4640
✓ Tubular motor ✓ Outboard motor (single or three phase) ✓ Numerous control option variants such as rocker switch, key switch, remote and group or mobile phone activation	Steel casing available on request						

Steel LPCB products (SR1 to SR4) available on request.



FLAMEROLL® Fire Shutters & Curtains

The Standard for Fire Protection

Fire shutters and fire curtains play a key role in building design. They are more than a necessity to meet fire legislation, offering many benefits in increasing the flexibility of architectural plans.

A robust fire protection system eliminates the need for alternative, more restrictive measures such as additional walls or smaller rooms. Fire shutters and fire curtains give architects the flexibility to design open spaces and build more storeys, all without compromising aesthetics. Metal components can be powder coated to blend into existing building features.

As one of the most established names in fire protection, specifiers can rest assured that Aluroll's FS fire shutters and FC fire curtains meet the latest standards, including BS EN 16034-1:2014. They are rated for 1 to 4 hours of protection, and both UKCA and CE approved.

Aluroll's in-house technical team will select from a choice of motor and control options to suit your fire strategy plan. Products can be connected to a fire alarm system via an interface panel so they automatically descend in the event of an alarm signal, and all fire curtains come with a fail-safe drive system for extra peace of mind.



warringtonfire

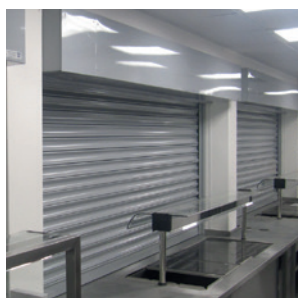
ewcl⁵

UK
CA

CE

Fire Shutters

Flameroll fire shutters have been designed to offer fire protection from 1 hour up to 4 hours. They operate automatically in the event of an alarm signal, providing reliable compartmentalisation and enhancing safety and security. All Aluroll fire shutters have been tested at Warringtonfire and certified by Element Materials Technology to the EWCL5 scheme.



FS60 / FS120 / FS240

Single-skinned steel profiles of varying gauges provide 1, 2 and 4 hour fire ratings. Maximum sizes of 24m² can be achieved, but they are most commonly used for much smaller openings too, such as school canteens. Rated E240 for fire resistance and EW20 for radiant heat transference,

FS120i

A double-skinned steel profile allows for the incorporation of an advanced insulating core. This product is also rated E240 for fire resistance, with exceptional EW60 radiant heat properties. Reduced heat transfer through the shutter minimises the risk of a secondary fire starting on the other side.

Fire & Smoke Curtains

Whilst fire shutters are fitted within wall openings, fire curtains offer protection in open plan spaces. They are commonly installed in lobbies and lifts, protecting escape routes, providing fire compartmentalisation and reducing the spread of smoke.



FC60 / FC120 / FC240

With fitter-friendly design details like self-setting limits and special guide channels, Flameroll fire curtains have been developed with installation and maintenance in mind. By combining robust steel components and a technical woven fibreglass and steel fabric these products have achieved ratings of 1, 2 and 4 hours. Multiple barrel arrangements allow for coverage up to 90m².

SC120

If a specification requires smoke control only, the SC120 provides a cost effective solution that is smoke rated for up to 2 hours.



World-Class Service

State-Of-The-Art Production

Aluroll's growth has allowed the company to make significant reinvestments in production. Factory layouts, machinery and processes are continuously being optimised at the 50,000 square foot facility, with recent additions including an ACRA machine, powder coating plant, and a completely bespoke manufacturing and stock management system. This has translated into market-leading turnaround times, the flexibility to scale to accommodate large contracts, and quality customers can depend on.

Unrivalled Customer Support

The Aluroll team strive to offer the best knowledge and experience in the industry. Expect service which goes the extra mile, whether that's through fast responsiveness when quoting, flexibility with scheduling to squeeze in an urgent rush job, or a direct line to technical managers if a query arises on site. For new installers, or those branching into a new product, an assisted fit may help. All products are warranty protected for peace-of-mind and Aluroll's fleet of delivery vehicles handle nationwide deliveries, ensuring we have complete control of your order, every step of the way.

First for Innovation

Considerable investments in New Product Development have allowed us to expand our product range to meet a growing range of requirements and ensured certifications meet the latest fire and security legislation. From its roots in roller garage doors the company has extended to manufacture all types of roller shutter and fire/smoke barrier, each with a unique set of properties to make them as fitter-friendly as possible. For requirements outside of the core product specifications, Aluroll's Research and Development team will work closely with architects to design a solution, complete with CAD drawings.

Market-Leading Showroom & Training Facility

Aluroll's modern factories and offices are located in Oswestry, Shropshire. The development also boasts the largest roller shutter showroom of its kind, with a working model of every product in the range. It is the perfect setting for product demonstrations and bespoke training for all ability levels from the experienced technical team. You can even celebrate afterwards with a drink at 'The Roll Inn'.



Made in Britain, Exported Globally

As well as manufacturing products for some of the UK's leading installers of physical protection products, Aluroll exports security shutters throughout the world.

Exceptional quality and service levels, combined with the specialised nature of our products and accreditations, result in many orders from overseas. We are experienced in managing export orders internationally, having handled projects across all continents, including Europe, Asia and the Middle East and Africa.

International specifiers understand some of the highest quality standards, innovative designs, and specialised certifications are found in products sourced from the UK.

All products are designed and manufactured in our UK factory providing complete control over the process and lead times, from the initial concept through to the final delivery. In-house technical specialists develop practical solutions for any client brief.

We have a history of working closely with internationally-renowned architects to develop unique products which are the first of their kind, however we are equally comfortable delivering more typical roller shutters for projects of all sizes. Previous jobs include a challenging brief for four large scale transparent roller shutters for a flagship store in Macau. The client? One of the world's largest multinational technology companies, famed for its exacting design standards.

A range of shipping and transportation partners ensure fast, smooth and cost-effective distribution across the globe. At Aluroll we understand that our role doesn't end when the product leaves the factory. Certified project managers and installers are on-hand to provide on or off-site training and guidance if required, and a full aftercare service is provided as standard.

Aluroll has satellite branches located in Abu Dhabi and Dubai to service the Middle East and North Africa regions with Civil Defence approved products.





Warranties & Facilities

Also available: Secureroll Roller Garage Doors

Aluroll is the largest independent manufacturer of roller garage doors in the UK. The Secureroll range includes the Classic (77mm profile) roller garage door, which is 'Secured by Design', and the space-saving Compact (55mm profile). A huge range of standard colours, full remote control operation, and wired/wireless safety systems are offered as standard. Request a Secureroll brochure for more information.



Warranties

Aluroll security shutters, fire shutters and fire curtains come complete with specific warranty periods. We guarantee that, during the relevant warranty period set out, all products will conform in all material respects with their description and specification, are free from material defects in design, material and workmanship, and of satisfactory quality. We recommend that all products are regularly serviced by your installer.

A copy of operating and maintenance instructions will be issued for all products. It is important that you keep a copy of this document as it contains details about your warranty, commissioning certificates and a service history form.

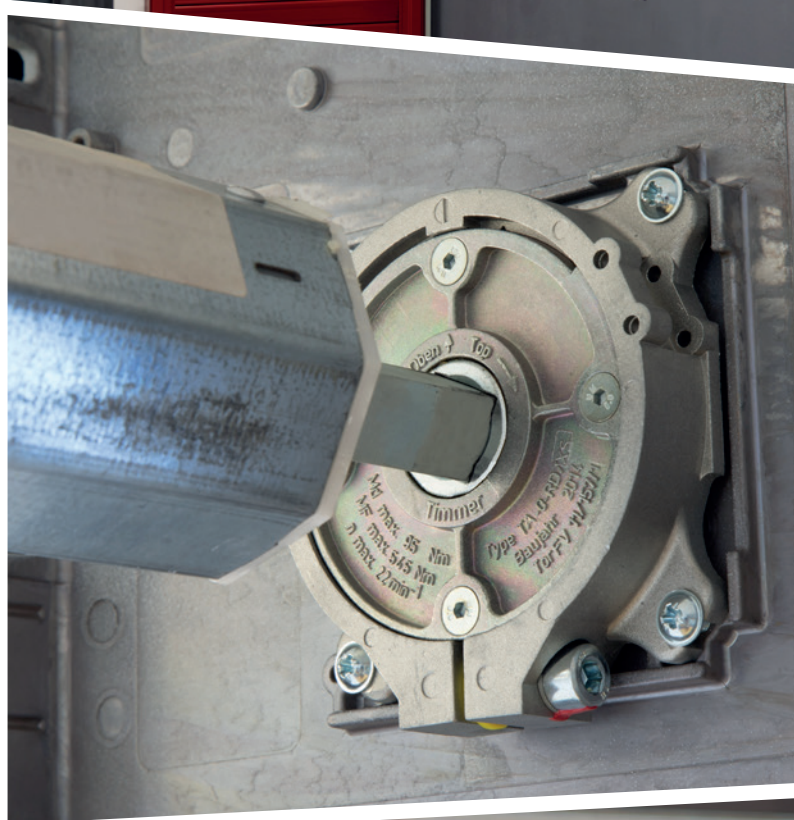
This warranty is subject to certain exclusions and limitations as set out in our full terms and conditions, which can be found at www.aluroll.co.uk/terms-and-conditions.

Showroom & Training Facility

Aluroll's 1500 square foot showroom is the largest and most impressive of its kind in the UK, containing fully functioning installations of all available products complete with the latest control solutions from our partners Somfy, GFA, Ellard & JCM.

The Showroom and Training Facility is open from 8am to 5pm Monday to Friday.

We encourage all Aluroll approved installers to undertake regular product training and Continual Professional Development (CPD) is available for Customers, Architects and Specifiers.





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