

# ULTRASYSTEMS

RELIABLE | ALUMINIUM | SOLUTIONS



ULTRA DRIVEWAY  
GATE SYSTEM



Ultra Driveway is specifically engineered for constructing driveway gates. When it comes to installation and labour, Ultra Driveway is designed to simplify the process and eliminate any guesswork.

Framework is easily assembled to create a robust driveway gate. Tracks are pre-drilled for effortless installation, ensuring precision without the need for complex measurements.

Installation of rollers and components is a breeze - no welding required. Components are securely fixed in place with stainless steel self-drilling tec screws or machine screws, which also allows for easy replacement if needed.

Our versatile universal bracket systems, used for mounting keeps and guides, accommodates various mounting situations, streamlining the installation process. All components come with pre-drilled holes, and all necessary fixing hardware is readily available as part of the installer's order.

## ULTRA DRIVEWAY GATE SYSTEM IS DURABLE AND EASY TO INSTALL

Ultra Driveway is a comprehensive system of components and extrusions, including tracks, frameworks, and premium hardware. It is meticulously designed for easy manufacturing and installation, delivering exceptional reliability, even in demanding coastal environments.

The framing and tracking system is extruded from high quality aluminum, while components are precisely engineered from durable materials such as 304 grade stainless steel, aluminium and nylon.

Our tracks are extruded in continuous 7250mm lengths, eliminating joints and creating a seamless surface for rollers to glide effortlessly.

Each roller features two sealed high-speed bearings, ensuring an ultra-smooth slide, reducing friction, and easing the load on the gate motor.

The framework extrusions are also extruded in 7250mm lengths and powder coated for coastal use in standard colours. They are engineered for superior strength, stability, and ease of manufacturing.

The system includes high grade guides, brackets, keeps, and stoppers, all crafted with the same commitment to quality using high grade aluminum and stainless steel.

With Ultra Driveway, you can rely on a hassle-free, durable solution for all your driveway gate requirements.

### Why use the UltraSystems Driveway System?

- Anodized aluminium driveway track provides a smooth, continuous surface for rollers to slide on.
- Dual bearing rollers reduce load on your gate motor by providing an ultra-smooth slide.
- Framework is extruded in 7250mm lengths, and powder coated in standard colours.
- Specifically designed for coastal conditions.
- All components are corrosion resistant.
- Colour match your components to the gate or surrounding finishes.

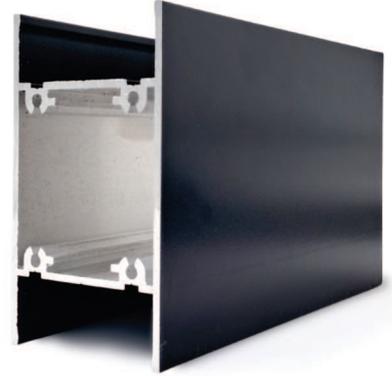
### ADVANTAGES OF ULTRA DRIVEWAY:

- Easy assembly and installation
- High grade anodized aluminium track 7250mm long
- Tracks are pre-drilled for your fixing type
- Join tracks with our unique joining pin
- Roller casings provided are stainless steel or powder coated aluminium
- Multi-use bracket for different mounting situations, adjustable after installation
- Custom manufacture available for unique situations



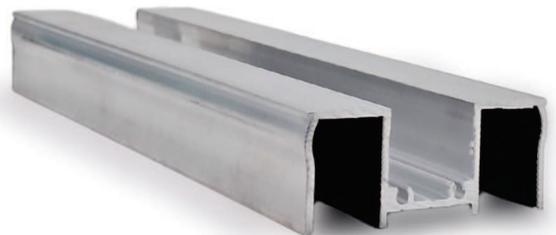
### DRIVEWAY FRAME:

Universal frame used as perimeter frame for a sliding gate, mullions, supporting structure and upright posts (such as gate keeps or fence posts). Open sides accommodate channel filler and flat filler. Ends can be capped with frame end cap. Extruded in 7250mm lengths, and powder coated in standard colours.



### DRIVEWAY CHANNEL FILLER:

Used to fill open sides of driveway frame. Channel filler accommodates aluminium, timber slats or an infill panel of 20mm thick. Extruded in 7250mm lengths, and powder coated in standard colours.



### DRIVEWAY FLAT FILLER:

Used to cap open sides of driveway frame, hiding any fixings and leaving a neat, flat appearance. Extruded in 7250mm lengths, and powder coated in standard colours.



### SLATS:

Fitted into the driveway frame filler or outer frame channel, they are 20mm thick and available in widths of 45mm, 90mm and 140mm. Extruded in 7250mm lengths, and powder coated in standard colours.



### OUTER FRAME CHANNEL:

The channel extrusion is used as the outer frame for mounting slats as an alternative to driveway channel filler. Extruded in 7250mm lengths, and powder coated in standard colours.



### INSERT COVER:

Cut according to gap sizes between slats and insert into the driveway channel filler or outer frame channel to determine gap size and keep slats in place. Extruded in 7250mm lengths, and powder coated in standard colours.



### **CLOSING SIDE KEEP FOR 45MM SHOPFRONT SECTIONS:**

Combined with the universal bracket, a closing side keep will glide your gate to a perfect close and keep it there. Used with 8x25mm dome assembly screw and locknut.

### **CLOSING SIDE KEEP FOR 65MM DRIVEWAY FRAME:**

Combined with the universal bracket, a closing side keep will glide your gate to a perfect close and keep it there. Used with 8x25mm dome assembly screw and locknut.

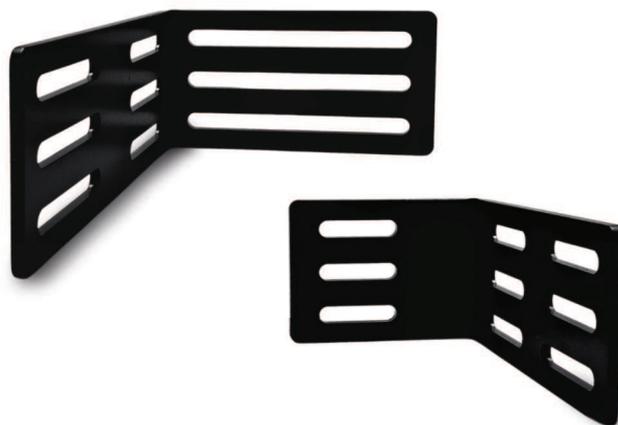


### **UNIVERSAL BRACKET:**

Designed to enable many fixing configurations with just one bracket. Adjustable by the slotted holes in many directions. Install with 4 x 8x50mm dome assembly screw, 4 x brass anchors and 4 x washers. Available in two sizes:

**UNIVERSAL BRACKET A:** 150 x 94 x 75mm high

**UNIVERSAL BRACKET B:** 190 x 140 x 75mm high



### **ROLLER ASSEMBLY:**

Used as top guide for sliding gate. Prevents unsightly wear of the gate frame and facilitates a smooth sliding action. Use 2 or 4 with universal bracket at installer's discretion.



### **DRIVEWAY TRACK STOPPER:**

Designed to fit snugly over the driveway track. Natural anodized to maintain its magnificent appearance. Install with 3 x 50mm tec screws.



### **DRIVEWAY TRACK STOPPER (ANGLE):**

A simple, cost-effective way to stop your gate in its tracks. Securely fixed in position with 4 stainless steel machine screws.



### DRIVEWAY TRACK:

This extrusion is prepared for top mount fixing. The track is provided in lengths of 7250mm and can be mill finish or natural anodized.

The track is predrilled with 10mm holes at 50mm from each end and then at approximately 480mm centres thereafter. Holes can be drilled either straight or countersunk.



### CONNECTING BAR:

Mill finish 9 x 9mm connecting bar is supplied in 100mm lengths with radius corners. They are used to securely connect the driveway track if needed. Be it for connecting shorter lengths together, or in the event of having to replace a section of the driveway track.



### UNDERMOUNT ROLLERS:

Fits under the driveway frame profile in typical gate roller position. Installed with 8 x 5mm tec screws. Available in mill finish aluminium, powder coated aluminium or stainless steel. Rollers are tested to carry weight of up to 500kg per pair.



MILL FINISH  
ALUMINIUM



POWDER COATED  
ALUMINIUM



STAINLESS  
STEEL

### SHOPFRONT ROLLER:

Designed to fit inside your shopfront profile and work with our driveway track. Tested to carry weight of up to 500kg per pair. Installed with 4 x 5mm tec screws.



### SLAT END CAP:

Custom made to fit each different size slat. Caps the end of a slat if needed. Available in black, grey and white.



### OUTER FRAME CHANNEL END CAP:

Finish off the outer frame channel with an end cap. Available in black, grey and white.



### OUTER FRAME CORNER CONNECTOR:

Fitted into the outer frame channel to stabilize and align the mitre corners.



### ALIGNMENT PLATE:

Used as part of a mitered universal frame corner joint to keep the corner square, align the outer surfaces of the frame, and facilitate a strong corner. 2 are required for each corner.



### 50 X 50 ANGLE SUPPORT:

Used in a mitered universal frame corner joint to maintain a square corner, align the outer surfaces, and ensure a strong connection. Requires 2 per corner.



### MULLION SPIGOT:

Used for securing and aligning the mullion. Use a 25mm tec screw to secure.



### FRAME END CAP:

Used for capping the end of universal driveway frame. Used in conjunction with 5.5x19 CSK screw. Made of aluminium and powder coated.



### SLAT TOOLS:

Various drill jigs are available to facilitate effortless lining up of corner assembly holes and slat fixing holes for the different slat sizes and arrangements.

### CORNER JIG TOOL:

Used for drilling driveway frame corner fixing holes.



### 45MM 90 DEGREE SLAT TOOL:

45mm at 90 degrees to the filler profile used with the flat filler for drilling slat fixing holes.



### 140MM SLAT TOOL:

For drilling slat fixing holes through the channel filler to accommodate 140mm slats.



### 90MM SLAT TOOL:

For drilling slat fixing holes through the channel filler to accommodate 90mm slats.



### 45MM SLAT TOOL:

For drilling slat fixing holes through the channel filler to accommodate 45mm slats.



### CHEMICAL ANCHOR:

Fix-O-Chem is a two-component chemical anchoring system based on styrene free polyester resins for very fast anchoring with high firmness, hardening through chemical process. For anchoring dynamically stressed structures, building components, engineering equipment or scaffolding. Suitable for heavy-duty anchorage in stone and concrete. Chemical anchor can be used with all fixing bolts to increase holding strength.



### GATE KEEP FIXINGS:

Use a stainless steel M8x50mm button head allen screw and a stainless steel M8 nylock nut to fix the gate keep.



### BRACKET FIXINGS:

Stainless steel M8x50mm button head allen screw and an M8 brass anchor are used to fix the brackets.



### ROLLER FIXING SCREWS:

Hex head tec screw 5.3x25mm is used to fix the rollers to the gate frame.



### TRACK FIXINGS:

Used to fix the driveway track. Quantity required are 16 per track length or approximately 2 per metre.

For straight holes, use an 8x50mm dome screw and fix with an 8mm brass anchor and M8 304 stainless steel washer.

For CSK holes use 8x50mm CSK screw and fix with a brass anchor.



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### GATE FRAME FIXINGS SCREWS:

5.5x80mm pan pozi or 5.5x100mm pan pozi self tapping screws are used as the gate frame corner fixing screw. A 5.3x25mm hex head screw is used to fix the mullion spigot.



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### END CAP FIXING SCREWS:

5.5x19mm CSK fixing screw used to fix frame end cap in position.



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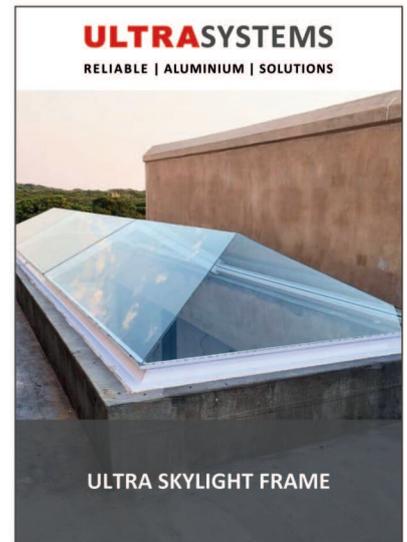
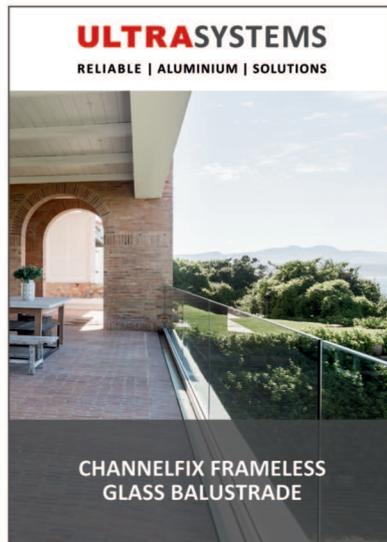
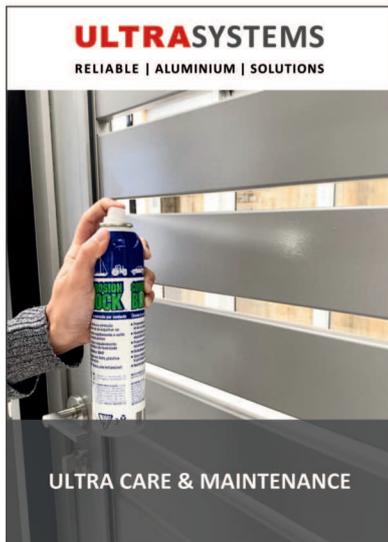
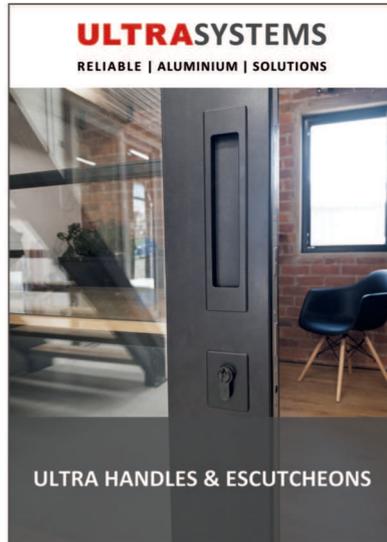
### SLAT FIXING SCREWS:

3x20mm pan pozi self tapping fixing screw used to fix slats.



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A RELIABLE DISTRIBUTER OF CUSTOM COMPONENTS AND ALUMINIUM SYSTEMS TO THE ARCHITECTURAL INDUSTRY OF SOUTHERN AFRICA

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