

## COASTAL SERIES ALUMINIUM SHUTTERS

Sliding, Bifolding and Hinged Shutter systems for Doors and Windows

Ideal for closing in your Louvretec Outdoor Room

Designed to operate in the harshest of conditions, Louvretec's proven Coastal Series Shutters offers a wide range of design options.

Custom made to meet the most demanding design and performance criteria.

All Louvretec Coastal Shutters are manufactured from commercial grade powder coated or anodised aluminium.



SLIDING SHUTTERS, PAUANUI NZ

All Sliding, Bifolding & Hinged componentry have completed extensive corrosion testing and are constructed using 300 series Stainless Steel with componentry die-cast in 316 marine grade.

With Louvretec's extensive range of Louvre shapes and sizes, matched with a range of Door Frames for all Sliding, Bifolding or Hinged installations, Louvretec Coastal Series offers a premium range of Shutters for a wide variety of applications.

### 1. SLIDING DOOR & WINDOW SHUTTERS

Details at a glance  
Coastal Sliding Louvre Panels

Sliding Louvre Shutters vary considerably from glazed aluminium joinery sliding doors. Glazed aluminium joinery doors generally fit within a 4 sided outer frame with the glass assisting with the bracing of the sliding panel.

Sliding Louvre Shutters generally fit to the outside of the building, deck or within a prepared opening and as such only have Top and Bottom Tracks and guides.



Top Hung Shutters have the advantage of being held captive within the Top Track. A minimal bottom guide only is required.

Bottom Rolling Shutters do not require structural fixing at the head with all the weight being on the Bottom Track. They are easy to operate, particularly with larger doors.

Top Hung or Bottom Rolling?



TOP HUNG SLIDERS - CARRIAGE WITHIN HEAD TRACK



BOTTOM ROLLING SLIDER



WITH MULLION

WITH TRANSOM

For more info refer to:

Coastal Top Hung 120kg Pages 12.11, 12.12, 12.13, 12.21

Coastal Top Hung 250kg Pages 12.14, 12.15, 12.16, 12.21

Coastal Bottom Rolling 80kg Pages 12.17, 12.19, 12.20, 12.21

Coastal Bottom Rolling 200kg Pages 12.18, 12.19, 12.20, 12.21

## 1. SLIDING DOORS & WINDOW SHUTTERS Coastal Sliding Louvre Panels (CONTINUED)

### Transom

Adjustable louvres provide no lateral bracing for the sliding panel and in most cases for shutters over 1500mm wide a transom is required.

Fixed louvres however provide excellent lateral bracing eliminating the need for a transom.

### Mullion

As generally smaller 90mm - 100mm louvres are used in sliding shutters a mullion may be required in shutters over 1200mm - 1500mm wide in order to meet spanning requirements.

### Shutter Weight

Calculating the weight of a sliding louvered shutter allow 12-14 kg per sqm. This includes louvres, outer frame mullions and transoms if required.



BIFOLD DOOR



BIFOLD WINDOW

## 2. BIFOLDING SHUTTERS

### Coastal Bifolding Shutter System for Doors and Windows

Louvretec Bifold Doors effortlessly slide open with panels following suit, neatly stacking against the wall.

#### Coastal Bifolding 100

Designed around a maximum panel weight of 100kg

### Transom

A Transom is standard on all Coastal Bifolds.

### Shutter Weight

Calculating the weight of a Coastal Bifold Shutter please allow 12-14 kg per sqm. This includes Louvres, Outer Frame Mullions and Transom.

## 2. BIFOLDING SHUTTERS

### Coastal Bifolding Shutter System (Continued)

#### Top Hung

All Coastal Series Bifolds are Top Hung.

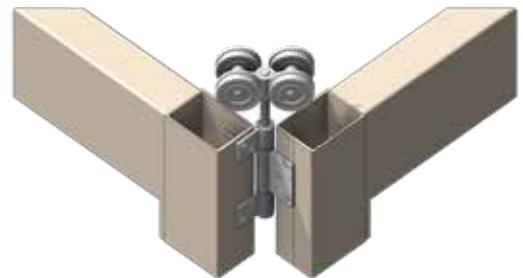
As Multi-Panel Bifold Shutters can load considerable weight to the Top Track suitable fixing at the head is essential. Please contact Louvretec for specific weight loadings.

#### Mix & Match

The same Louvre infill operating options that are available to our Coastal Sliding Shutters are available to our Coastal Bifold Shutters. These being the KISS Pivot and End Fixed applications.

For more info refer to:

Coastal Bifolding 100 Pages 12.22 - 12.26



TYPICAL TOP HUNG DETAILS

## 3. HINGED DOORS & GATES

### Hinged Louvre Doors

Louvretec Hinged doors are available in a range of three different styles. Choose depending on durability requirements and door size.

Louvretec Hinged doors are available in three distinctive styles:

1. Standard Hinged Doors  
Maximum size 2200mm (h) x 900mm (w)
2. Heavy Duty Hinged Doors  
Maximum size 2500mm (h) x 900mm (w)
3. Ultra Welded Hinged Doors  
Maximum size 3000mm (h) x 1300mm (w)

For more info refer to:

Coastal Standard Hinged Door Pages 12.27, 12.28, 12.30, 12.33

Coastal Heavy Duty Hinged Door Pages 12.27, 12.29, 12.30, 12.33

Coastal Ultra Welded Hinged Door Pages 12.27, 12.31, 12.32, 12.33



HEAVY DUTY HINGED DOOR



HINGED LOUVRE WINDOWS

#### 4. HINGED LOUVRES & PLANTATION/AWNING STYLE SHUTTERS

##### Hinged Louvre Windows

Hinged Louvered Windows use standard Hinged Door extrusions and components.



PLANTATION/AWNING STYLE SHUTTERS

##### Plantation/Awning Shutters

Plantation Shutters use standard hinged door extrusions and components.

For more info refer to:  
Coastal Hinged Louvres & Plantation Shutters  
Pages 12.34 & 12.35

#### YOUR CHOICE OF LOUVRE INFILL APPLICATION

##### 1. The KISS Pivot System - For Hand operable Louvre Infills

For more info refer to:  
KISS Pivot System Pages 10.1.03

##### 2. End Fixed Louvre Infills

For more info refer to:  
End Fixed Louvres Pages 10.4.06 - 10.4.07



HAND OPERABLE  
LOUVRE INFILLS  
USING THE  
KISS PIVOT SYSTEM



END FIXED LOUVRE  
INFILLS

## COASTAL SHUTTERS LOUVRE INFILL OPTIONS

Louvre Infills can be Hand Adjustable or End Fixed

### Hand Operable Shutter Infills; KISS Pivot System

The upgraded KISS Pivot System operates by the use of Double Drive Arms that sit flush against the frame when the Louvres are closed.

For added strength the flush fixed Slide-Lock sits within the Louvre Blade and features a Marine Grade Stainless Steel locking pin.

Select from a choice of 4 louvre blades:

- 90mm Midi
- 150mm Midi
- 95mm Bella Vista
- 95mm Bella Vista Heavy



90MM MIDI



150MM MIDI



95 BELLA VISTA



95 BELLA VISTA HEAVY



HAND OPERABLE SHUTTER INFILLS  
KISS PIVOT SYSTEM

### End Fixed

All of the KISS Pivot Louvre Blades shown above & listed below can be End Fixed:

- 90mm Midi
- 150mm Midi
- 95mm Bella Vista
- 95mm Bella Vista Heavy

As well as the following larger sized Louvre Blades:



120 AIRFOIL



125 WEATHERBOARD



150 HELENA BAY



END FIXED LOUVRE SHUTTER