



 **UK ROLLER SHUTTERS**  
SUPPLIER & FITTER OF ROLLER SHUTTERS

**EXPEL™ RETRO FITTING  
FLY SCREEN**

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## EXPEL™ RETRO FITTING FLY SCREEN

Expel™



### PRODUCT DESCRIPTION

Our electrically operated Expel retro fitting fly screen, with its very small roll, is ideally suited to being internally retro-fitted in the small space above windows and patio doors on domestic properties, or over larger openings in restaurants or food preparation areas.

The curtain is made from glassfibre and PVC to ensure that insects are kept out whilst airflow and visibility is at a maximum.

For options that incorporate a shutter into this design, please see our [Expel Ultra 41mm](#) and [Expel Ultra 55mm](#).

### IDEAL USES

- Over windows and patio doors in domestic houses
- Food preparation areas/restaurants
- Areas where there are lots of flies, mosquitos or other insects

### KEY FEATURES

- Allows high visibility
- Allows a high level of airflow
- Small shutter housing means this can easily be retro-fitted in existing apertures
- Electrically operated

### TECHNICAL SPECIFICATIONS

#### CURTAIN/SCREEN

Warp and weft of 1mm spacing, 0.18 x 0.16mm thread, from 36% glassfibre and 64% PVC in grey or black. Screen practical thickness 0.33mm and 120g/m<sup>2</sup>

Minimum width: 800mm

Minimum Height: 800mm

Maximum Width: 5000mm

Maximum Height: 2600mm

## **GUIDES**

Aluminium guide channels, polyester powder coated, with floating zip lock system from PVC. Width of 32mm

## **ENCLOSURE AND ENDPLATES**

Complete roll-formed aluminium box with pressure-moulded aluminium alloy end plates enclosing the insect screen in a single, small, but durable and secure enclosure. End plates slot into guide channels.

## **FINISH**

All metallic parts come in powder coated white or brown as standard. Customers can choose to have a powder coating of almost any colour as an additional extra.

## **OPERATION**

240 volt single phase motor.

## **OPTIONS AND VARIATIONS**

### **OPERATION/CONTROLS**

#### **Electric**

Key switch

Radio/remote Control

Rocker switch

Timer closing

Loop and Radar operation

Smart phone

Swipe Card activation

## **FINISHES**

### **Screen/Curtain**

Can come in black or grey

Can come with insulated roller shutter addition if required. See Expel ULTRA products

### **Metallic parts**

Can be Polyester powder coated or plastisol coated in a range of standard RAL colours' for an extra charge.

### **ILLUSTRATIONS**







## Expel Insect Screen

### APPLICATIONS

Domestic and commercial sites requiring insect screen protection and good visibility. The Expel insect screen is designed for both small and large applications, making use of side zips which prevent the screen from slipping from the guide channels, aluminium bottom bar which locks into the guide channels, patented ClickOn system of attachment to the circular motor barrel, and unique screen welding technology which prevents folds and waves in the fabric and removes visible seams at the screen edges. Suitable for internal face or reveal fit.

### SCREEN

Warp and weft of 1mm spacing, 0.18x0.16mm thread, from 36% glassfibre and 64% PVC in grey or black. Screen practical thickness 0.33mm and 120g m<sup>2</sup>.

Minimum width:	800mm
Minimum height:	800mm
Maximum width:	5000mm
Maximum height:	2600mm

### ENCLOSURE

Complete roll-formed aluminium box with pressure-moulded aluminium alloy end plates enclosing the insect screen in a single small but durable and secure enclosure. End plates slot into guide channels.

Finish: White, Brown, Silver, or Anthracite. Option to powder coat any RAL / BS colour (surcharge applies).

Overall Width (mm)	Plate Size (mm)
2000	89
4000	103
5000	131

Plate sizes shown as a guide only and may vary.

### BOTTOM SLAT

Extruded aluminium bottom slat with rubber weather seal and end locks.

### GUIDE CHANNELS

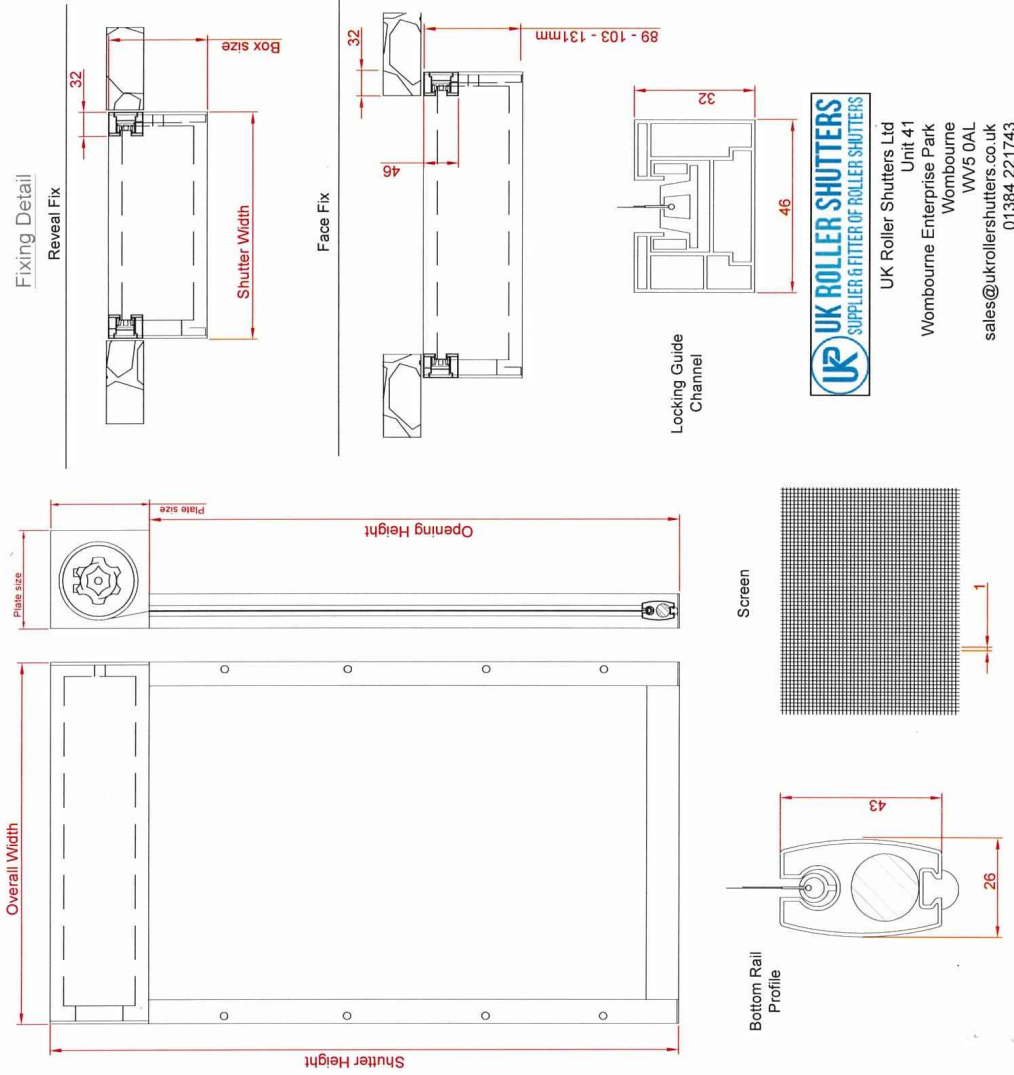
Aluminium guide channels, polyester powder coated, with floating zip lock system from PVC. Width of 32mm.

Finish: White, Brown, Silver, or Anthracite. Option to powder coat any RAL / BS colour (surcharge applies).

### OPERATION

Electric: Somfy tubular motor and wireless internal rocker switch as standard. Remote control handset, and a range of group control and multi-channel operation options also available.

CE compliant to all applicable directives and standards.



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