



SOLENT-DARK BLACKOUT BLINDS

With Fabric Retaining System (FRS)

Solent-Dark FRS

Cased blackout blinds with a proven track record



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Solent-Dark Blackout Blinds

Solent-Dark is the brand name for fully-cased blackout blinds that have a proven track record for superb durability on both schools and hospitals.

Solent-Dark blackout blinds with FRS and the blind components are manufactured in Devon to very exacting standards. Framework profiles are of high-quality Belgian engineering.

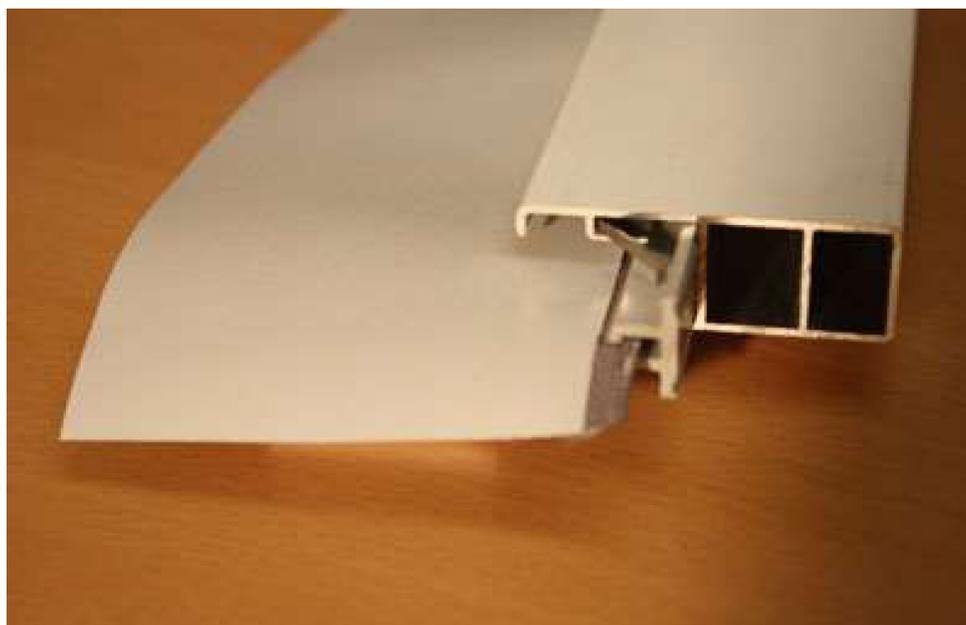
Solent-Dark FRS blinds are built to a heavy duty concept which, with rounded headbox and stylish guides, look good in any environment– not just schools and commercial settings, but also in the home.

Solent-Dark Blackout Blind Specifications

What sets the Solent-Dark apart and what is FRS?

FRS is Solent-Darks Fabric Retaining System

- The screen has a flexible strip with beads, that is HF welded to the edge of the screen and locates in a PVC strip kept taut by stainless steel springs. This assembly allows the screen to run free but retains it when more dramatic air movements occur.



Wind-proof with Blackout and Mesh Screens

Solent-Dark FRS blinds:

- are “Wind class 3” (up to force six on the Beaufort scale) due to the fabric retaining system that keeps the fabric perfectly in position
- are insect-repellent because the space between the box, guide rails and material, is entirely closed
- have blackout and mesh fabrics many fabric colours available
- have rounded headboxes available in 90mm and 110mm sizes
- will cover an area of up to 8m² (ideal for large expanses of glass)

Technical Details of the Solent-Dark

The Solent-Dark blind consists of a box, bottom lath, guide rails and fabric. The box, bottom lath and guide rails are extruded aluminium with a powder coating number: - Ral 9010

- The rounded headbox comes on 90mm or 110mm
- The bottom lath has a rubber gasket to absorb any unevenness in the sill (so that no light appears below the bottom lath). An integral weight ensures fabric stays taut in the vertical
- Side guides come with a PVC FRS retainer and have stainless steel springs every 250mm to keep the blind fabric tight in width

Two Fitting Options

- Standard face fix—guides are pre-drilled with fixing holes on face
- Recess fit—guides come without holes but instead have a fixing flange behind the guide for drilling on site

Important Fixing Note

When over 2 metre width or drop on 90mm box 9or over 1 metre on 110mm box), we recommend two additional box fixings be used either through the back of the box or up into the windows lintel.

It should not be assumed that blinds under the stated size do need independent box fixing.

Operation Methods

- A gearbox and folding crank handle, a gearbox with a down-stop and telescopic drive allow easy fine adjustment, a roller with compensating spring to ensure little or no weight is applied to the gearbox
- Blind handles will be 10mm short of the lowest point of the blind
- If the handle is required longer or shorter, make sure you inform us when placing your order: “The handle should be plus or minus mm”

The handle will then be that distance either side of the bottom of the blind when straight.

- The electric motor is by SOMFY and comes with a radio control or hardwired for switches

Dimensions

- Single screen
 - Maximum width: 3.5m
 - Maximum height: 3m
 - Maximum area: 10m²

Fabrics Available

- Blackout fabrics are from the A12 card and of 4 ply construction compliant to: -
- BS 5867 1980 part 2, Type B flammability requirements
- Mesh type materials with a range of colours and density

Technical Data

The Solent-Dark product is a Full Casement Blackout Blind.

- Basic detail:
The headbox contains a roller and fabric that has a retaining insert welded to each side that locates in the side guides; this ensures that the fabric is retained even with significant pressure from the wind due to e.g. open windows
- The operation of the blind is by:
 - a. Crank handle that drives a gearbox that turns the roller
 - b. Electric motor controlled by a wired switch or a radio transmitter by SOMFY

The headbox and side guides are of extruded aluminium and are powder coated to Ral 9016.

Side guides have a PVC insert to retain fabric.

The fabric has a fibreglass core laminated to 3 layers of PVC vinyl.

The blind fabric complies with flammability standard BS 5867(1980 part 2, Type B).

The cover has a zip section welded to each side that locates a PVC insert.

Maintenance

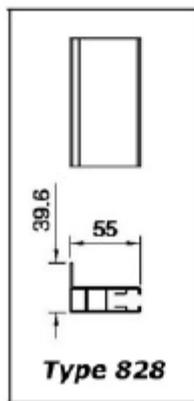
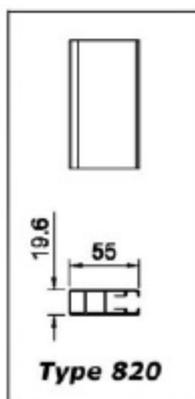
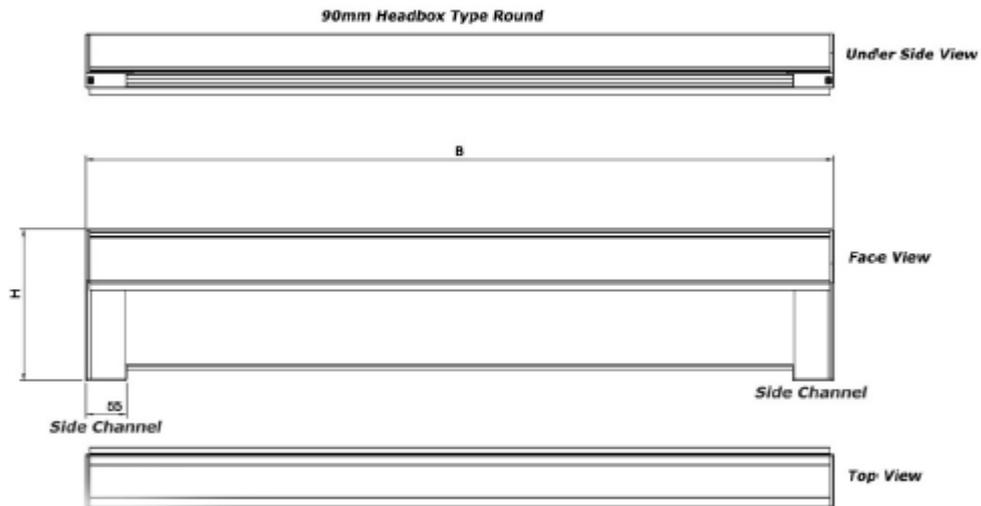
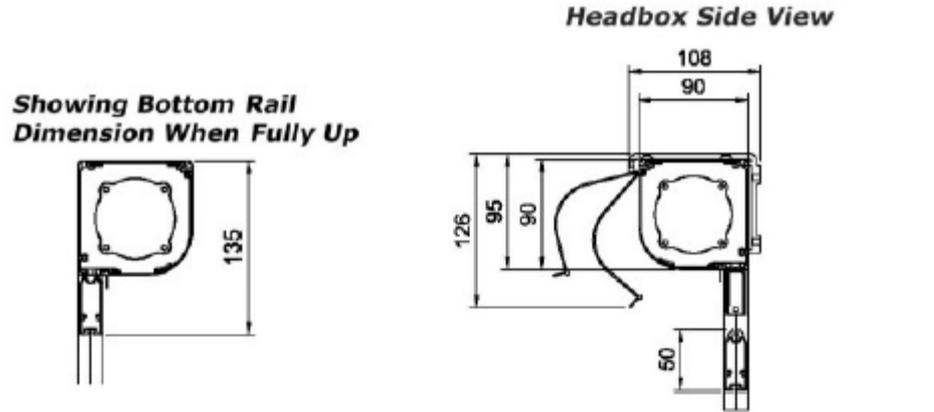
Solent-Dark blinds are low maintenance and do not require regular servicing other than visual checks for obstructions in the guides.

Cleaning

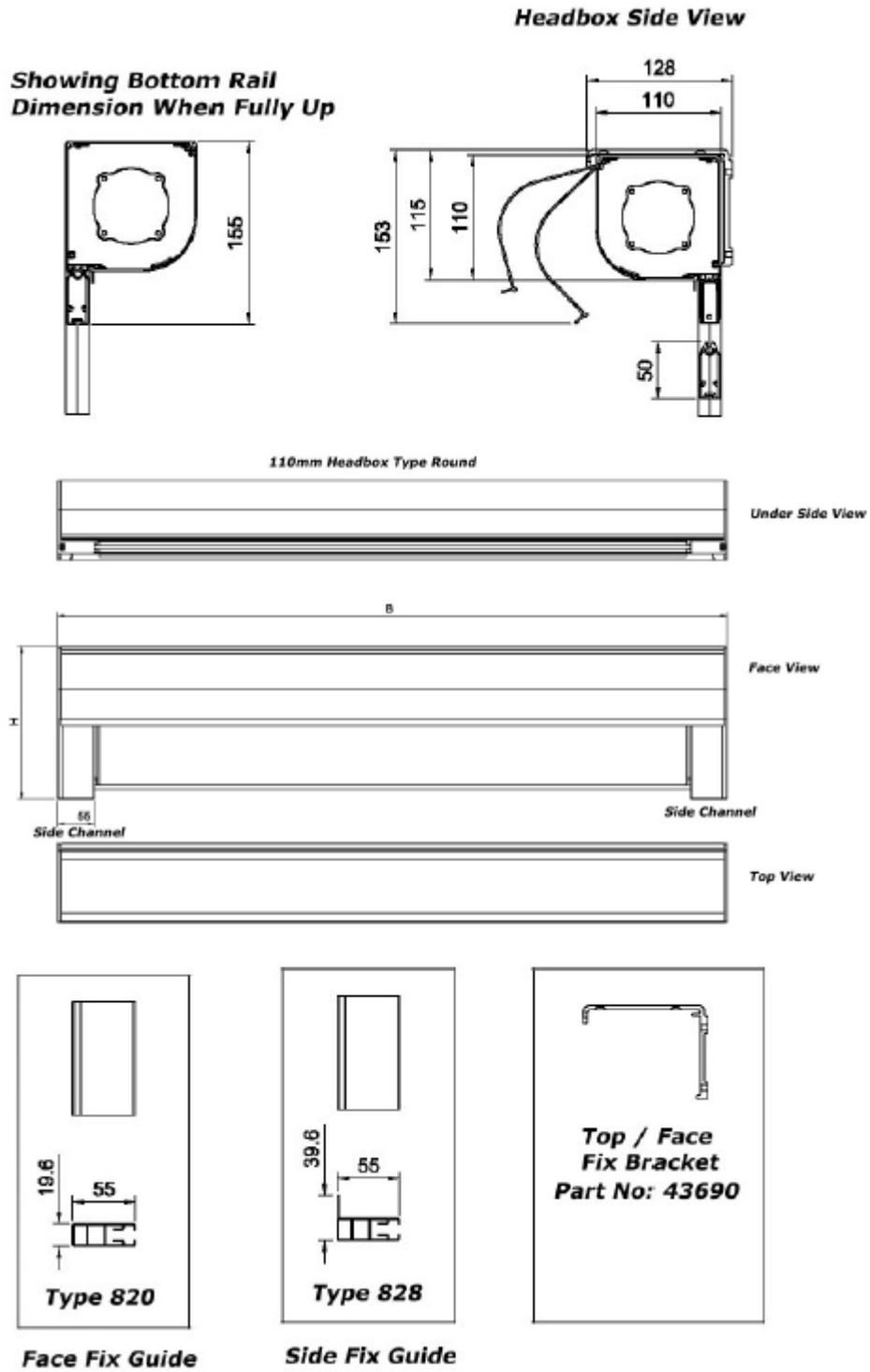
We suggest the following to help keep your Solent-Dark FRS blinds trouble free:

- The frame:
Dusters to remove cobwebs and dust
- The fabric:
Virtually maintenance free, but an occasional clean with a damp cloth, warm water and mild detergent will be sufficient

90mm Headbox Drawings



110mm Headbox Drawings



Solent-Frame

The Solent-Frame is designed to replace the timber sub-frame and aluminium angle that leaves fixings visible.

The Solent-Frame will fit within a window reveal that is out of square or uneven. In these cases, the Solent-Frame aluminium section provides a flat surface to which guides can be face-fixed. An adjustment, of up to 15mm, on each side, is possible to help achieve a square and proper fix.

The Solent-Frame also provides a structural fixing for the headbox (but is not a total replacement for intermediate fixings).

The Solent-Frame can be mitred to enable a roof light well installation; it provides a shelf for any type of blind to be fitted to from above.

A white or black PVC cover is attached to hide all fixings achieving a much more attractive and stylish look.

Solent-Frame parts are stocked in 5 metre lengths and sold as angle and cover:

- Full 5 metre length *{please contact us for price}* per metre
- Cut lengths are priced at *{please contact us for price}* per metre and include cutting
- Carriage at the cost of *{please contact us for price}*

