

PRODUCT OVERVIEW LOUVRETEC EXTERNAL VENETIAN BLINDS



operation

Generally Louvretec External Venetians are lowered in the vertical closed (0 degrees) position and raised in the horizontal position (90 degrees). The slats can be tilted or rotated at various angles to suit, within a maximum 180 degrees operating range.

In summer blades can be adjusted incrementally to control solar glare and heat gain whilst still allowing natural summer light.

During winter available light and sun can be directed into the building to increase passive heat gain while minimizing glare.

When not in use the blinds can be retracted and concealed in a pelmet or recess.

benefits

The slats are aluminum, which provides high solar radiation reflection and low absorption and transmission values, therefore effectively reducing:

- Household energy requirements.
- CO2 and greenhouse gas emissions.
- Expenditure.

These systems maximize internal light and thermal comfort levels whilst allowing external views to be maintained.

slats

The rolled edged slats for Louvretec External Venetians are manufactured from aluminum providing strength and flexibility. They are roll formed and machined and are scratch, shock and corrosion resistant.

Available in a range of standard colours – please enquire.

tilting and lifting devices

- Bearings are located within the head rail, enabling the slats to alter angle direction smoothly and efficiently.
- The slat is either rested or fastened to a ladder braid, with an anti-friction UV stable lift tape utilized to raise and lower the slat bundle.

specifications

Min width	500mm
Max width	4000mm
Max Height	4600mm
Max Area	11.5 m

customisations

Available only as motorised with a choice of handheld remote control options. Optional extras include wind/sun sensors and other systems.

PROFILES, SIDE CHANNELS AND PELMETS

- Extruded aluminium.
- Available in a range of finishes and colours.
- Can be installed into a recess during construction or retro fitted onto an existing facade.

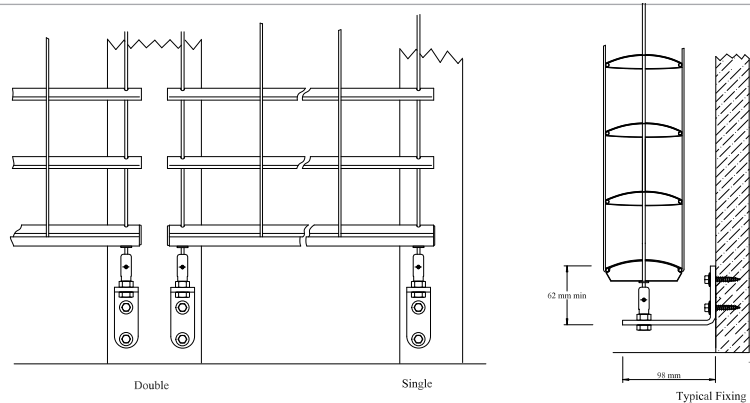
TYPICAL WIRE GUIDED OPTION

There are two basic wire guide fixing options; wire guide with face fix or wire guide with deck fix.



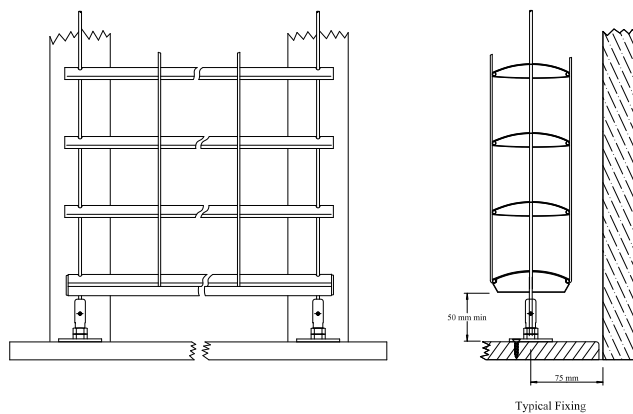
EV80 WIRE GUIDE WITH FACE FIX

- 3.2mm stainless steel cable.
- UV protected coating.
- Surface mounted deck plates and wire tensioner.



EV80 WIRE GUIDE WITH DECK FIX

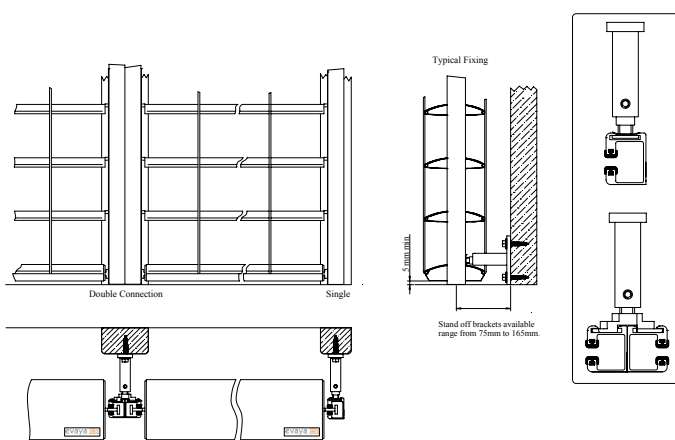
- 3.2mm stainless steel cable.
- UV protected coating.
- Face fix application.
- Angle bracket and wire tensioner.
- 50mm - 128mm projection.



PRODUCT OVERVIEW PROFILES, SIDE CHANNELS AND PELMETS

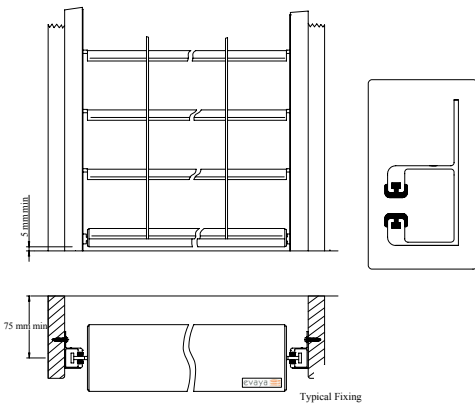
TYPICAL SIDE CHANNEL GUIDED OPTION

There are two basic channel guided options: side channel face fixed or side fixed.



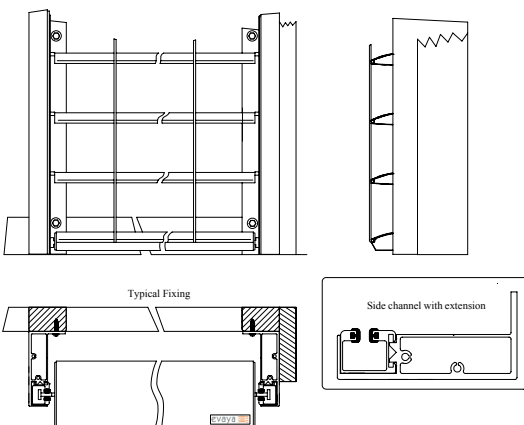
EV80 SIDE CHANNEL TYPE A DOUBLE AND SINGLE

- Face fix application.
- Telescopic brackets.
- 75mm - 165mm projection.
- Engineered keder inserts.



EV80 SIDE CHANNEL TYPE B

- Side fix application.
- Minimal fixing requirements.
- Assists installation to foam or light-weight construction.
- Engineered keder inserts.



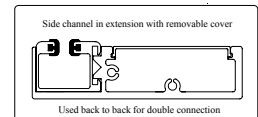
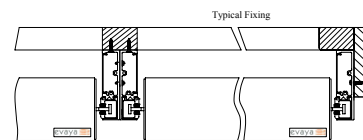
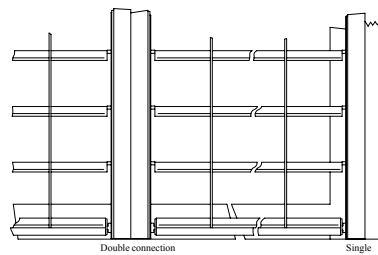
EV80 SIDE CHANNEL TYPE C EXTENDED SIDE CHANNEL

- Face fix application.
- Heavy duty channel for enhanced wind stability.
- Minimal fixing requirements.
- Assists installation to foam or light-weight construction.
- Appealing integrated aesthetic.
- Engineered keder inserts.

TYPICAL SIDE CHANNEL GUIDED OPTION (continued)

EV80 SIDE CHANNEL TYPE D FACE OR RECESS FIX

- Side fix and double channel application.
- Removable side panel for concealment of fixings.
- Enhanced wind stability.
- Minimal fixing requirements.
- Assists installation to foam or lightweight construction.
- Appealing integrated aesthetic.



SLAT COLOURS

External venetian blinds are manufactured from roll formed aluminium and are available in a range of hard wearing standard colours. They are scratch, shock and corrosion resistant, chemically pre-treated and stove enameled. The colours shown are as accurately presented as possible, but are best used as a guide only. Actual colour swatches are available and persual is recommended prior to making final colour selection.

