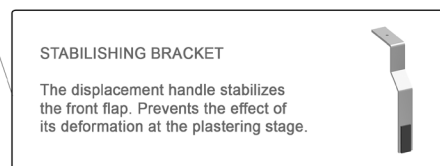
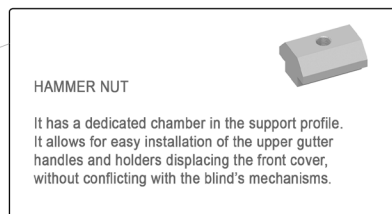
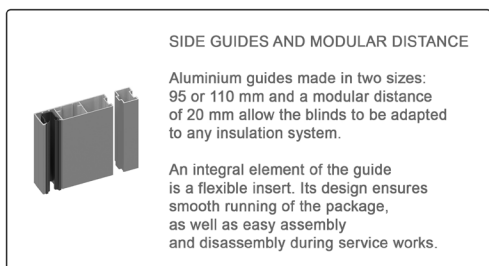


# SOLIDBOX external venetian blind - flush mounting system

The SOLIDBOX external venetian blind from Anwis is the fruit of many years of experience of specialists from the solar shading industry. Not only is its measurement trouble-free but also the time needed for its installation has been significantly reduced due to a number of innovative solutions introduced. The minimalist form of SOLIDBOX flush-mounted blind makes it particularly suitable for installation in modern homes and commercial buildings.



## SOLIDBOX - RELIABLE AND PRACTICAL CONSTRUCTION

The SOLIDBOX external venetian blind cassette is hidden under the outer layer of insulation, e.g. polystyrene. It is covered with a special layer of insulation (extruded polystyrene 15, 20 or 35 mm thick), which not only prevents the formation of thermal bridges where the back cover contacts the wall but also allows to avoid any structural alterations to the lintel. The front part of the cassette has a specially profiled plaster carrier, which allows the cassette to remain hidden under the insulation. The front cover is removable, which provides convenient access to the

components during assembly.

The main support element of the blind is an aluminium profile, made by extrusion. It allows mounting the cassette (to the front or top of the lintel) with dowels. In the upper part of the support profile there are also dedicated mounting places that allow the cassette to be installed with anchors. Mounting anchors guarantee a stable connection between the cassette and the lintel while maintaining ease of assembly.

The SOLIDBOX cassette comes in three heights: 220, 270 and 320 mm. Cassette size depends on the size of the package used. Within the cassette, mounted using hammer nuts, there are head rail brackets and

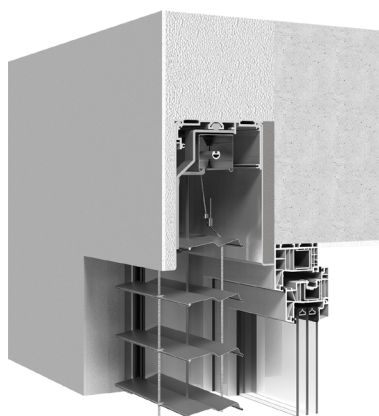
brackets stabilising the front cover (facilitating finishing works within the cassette). The nuts have a dedicated chamber in the support profile, which allows you to easily change their location without clashing with other head rail mounting components such as bearings or electric drive. The head rail brackets are automatic, which ensures easy and efficient installation of the package in the cassette.

In order to better match the product with the insulation system, ANWIS offers two guide sizes (27.5 x 95 mm, 27.5 x 110 mm) and a 20 mm modular distance of the guide. The solution provides flexibility at the design stage and easy matching of products with the building structure. An insert

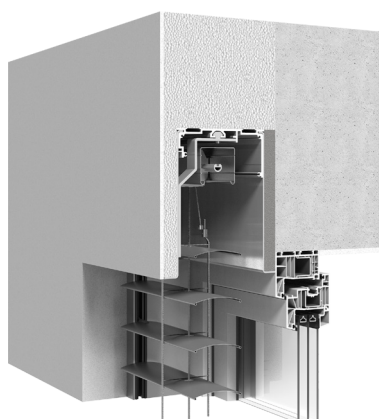
(made of flexible plastic) is installed in the side guides of the SOLIDBOX blinds, which can be easily installed and removed. Its design ensures smooth running of the packet. Aluminium guide pins provide additional stabilization of the slats, which increase the blind's resistance to strong wind. In addition, the end-positions of the SOLIDBOX motor are pre-set, which allows you to quickly test the operation of the product after completing assembly work.

### MODERN AUTOMATION

The ANWIS flush-mounted blind can be operated remotely, using radio transmitters or by cable, using wall switches. Manual mode allows the user to change the position of the blind himself. It is also possible to program ready scenarios with covers rising and lowering automatically, e.g. at set times.



Z90 aluminium profile



C80 aluminium profile



In addition, the SOLIDBOX blind can be connected to weather automation (measuring wind speed, sunlight exposure and temperature). In the latter case, the control panel, in addition to operating the blind, allows you to manage other systems, such as heating and lighting.

### AVAILABLE SYSTEMS: C80 AND Z90

SOLIDBOX flush-mounted blinds are available in two systems: C80 and Z90. In both cases, the slats have bent edges on both sides for increased rigidity and stability during adverse weather conditions. The Z90 aluminium profile (90° rotation of the slats) features a silencing gasket and the „Z” shape guaranteeing better darkening of the rooms. In turn, the characteristic feature of the „C” profile is the possibility of opening and closing the blind in the range of 180°. This ensures smooth control of the tilt angle of the slats, and thus the free regulation of the intensity of light penetrating the interior.

The maximum permissible dimensions of the SOLIDBOX blind are: 3500 mm height and 4000 mm width.

### COLOURS IN VOGUE

SOLIDBOX flush-mounted blinds are offered in a rich collection of profile colours and cassettes as standard. In order to better integrate the blind with the facade, ANWIS enables painting the internal surfaces of the front and side covers of the cassette. Highly resistant to adverse weather conditions slats (alongside with other components of the cover, such as: guides, bottom rail or ladder) ensure optimum product durability and years of reliable operation.

The collection includes colours reflecting current architectural trends, among others: basalt grey, textured anthracite, black, as well as wood-like patterns, which allows to match the colour of the blinds with any type of joinery or facade. It is also possible to order the blind in a less common colour from the RAL colour palette.

ANWIS offers full technical support, including: assembly instructions, technical catalogue and professional training.



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