

## ALC 7000 SYSTEM



SIMPLY PROFESSIONAL



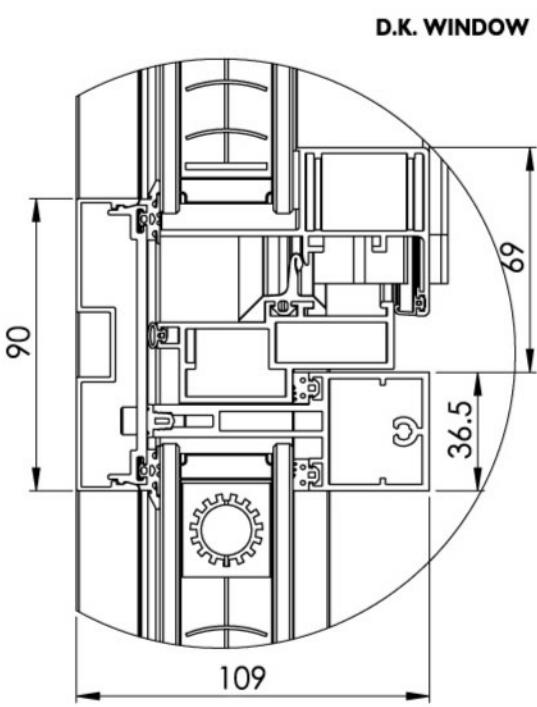
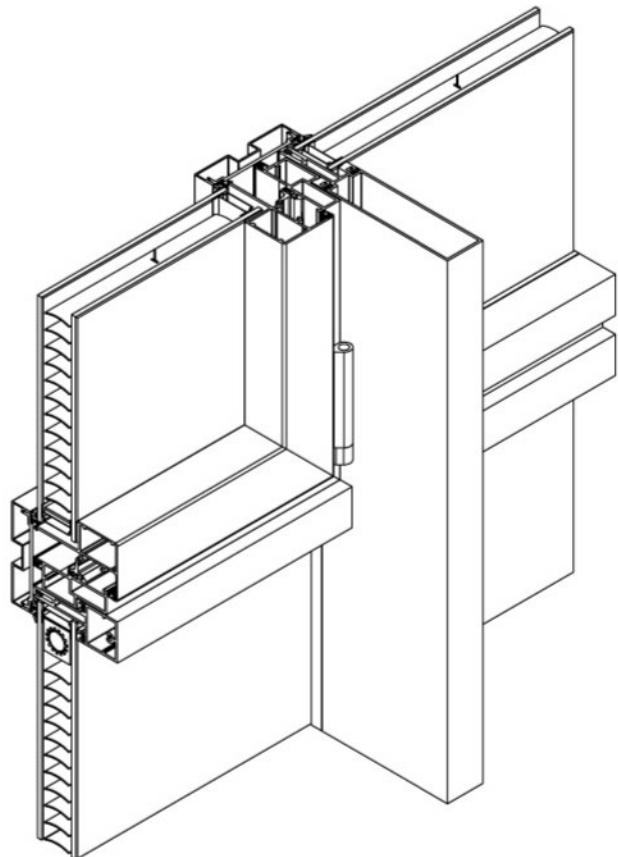
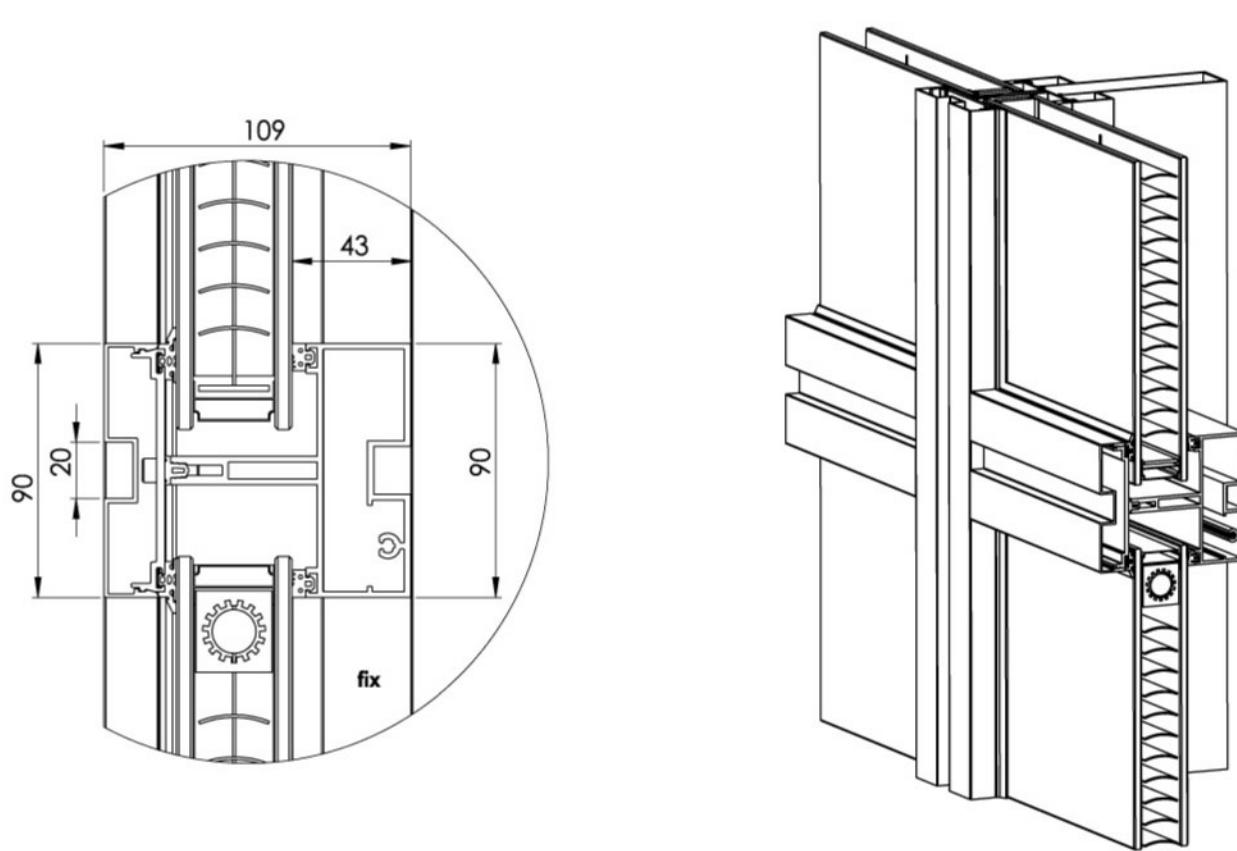
Aluminum Construction



## Aluminum Constructions Technology

Aluminum Construction Ltd. is Israel's leading curtain wall engineering and manufacturer for tall buildings (towers). Aluminum Construction Ltd. was founded in 1987 and boasts 2 plants - one in Israel and the other in Europe. The Company has 200 employees including engineers, production workers, installation workers, quality control technicians, etc. Aluminum Construction Ltd. develops and designs curtain wall systems and is renowned for its quality and professionalism both in Israel and in Europe. Aluminum Construction Ltd. tests the curtain wall systems it designs in a laboratory located on its premises and deemed to be one of the world's three leading laboratories testing curtain wall systems. Aluminum Construction Ltd. tailors its curtain walls to Israeli, European and American standards and adheres to some of the world's most stringent quality control guidelines. Aluminum Construction Ltd. installs its curtain walls with the help of its team of skilled employees. Aluminum Construction Ltd. provides service and oversees its projects through its subsidiary, "Aluminum Constructions International". Aluminum Construction Ltd. invites you to join the family of customers, enjoying its products and schedule a visit to the plant at any time.

## ALC 7000 R

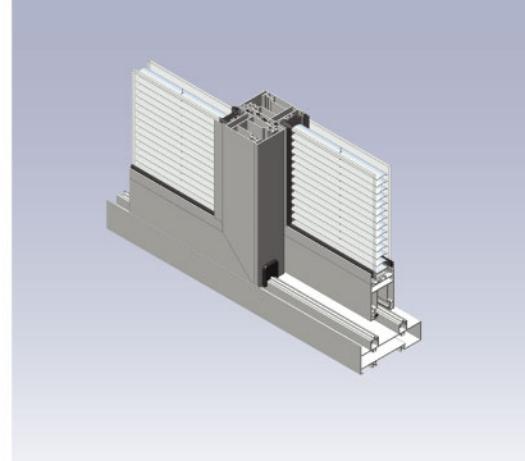
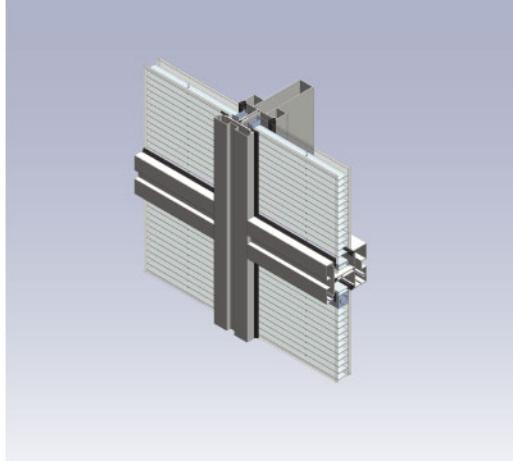
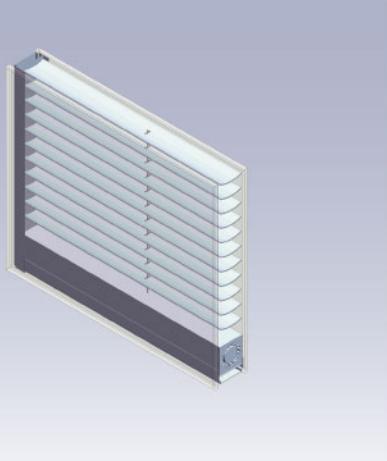


*J. Hahn*

# ALC 7000 - Curtain Wall System

The Ultimate Systems for Luxury Residential Tower, Featuring:

- Tilt & Turn Window System
- HEBE-SHIBE Door System - H.S.
- Electronic Venetian Blind System





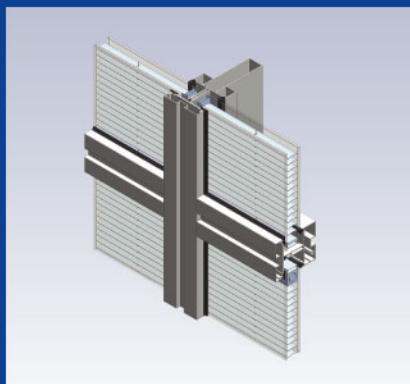
**G Tower, Tel-Aviv**



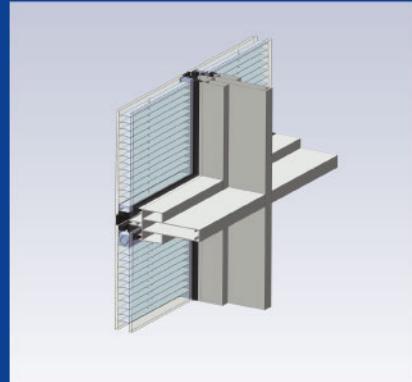
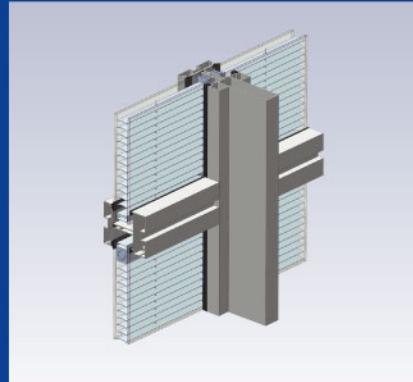
- The **ALC 7000** system was developed by Aluminum Construction Israel, one of the world's leading companies in the field of curtain wall engineering and building cladding.
- The **ALC 7000** system has been designed and tested in the company's laboratories in Israel, and has been proven to conform to American and European standards for the cladding of buildings.
- The **ALC 7000** system comes in two architectural options:
  - a. GRID view
  - b. SG - Plain view
- The **ALC 7000** system allows glazing of up to 43mm thickness.
- The **ALC 7000** system allows glass installations, including electronic Venetian blinds.
- The **ALC 7000** system enables Dry Kip type windows to be opened.
- The **ALC 7000** system allows combining HS-type doors.
- The **ALC 7000** system is absolute watertight.
- The **ALC 7000** system provides excellent airtight sealing.
- The **ALC 7000** system has very high static resilience.
- The **ALC 7000** system enables excellent acoustic attenuation.
- The **ALC 7000** system enables high thermal insulation.

**You can obtain the ALC 7000 in two versions of series:**

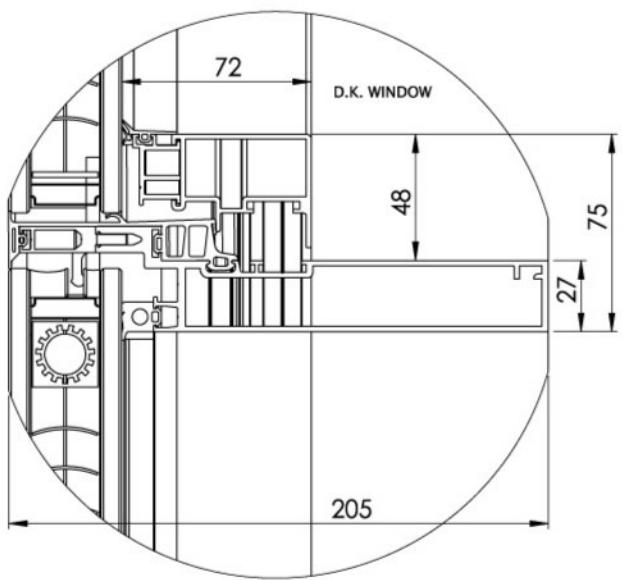
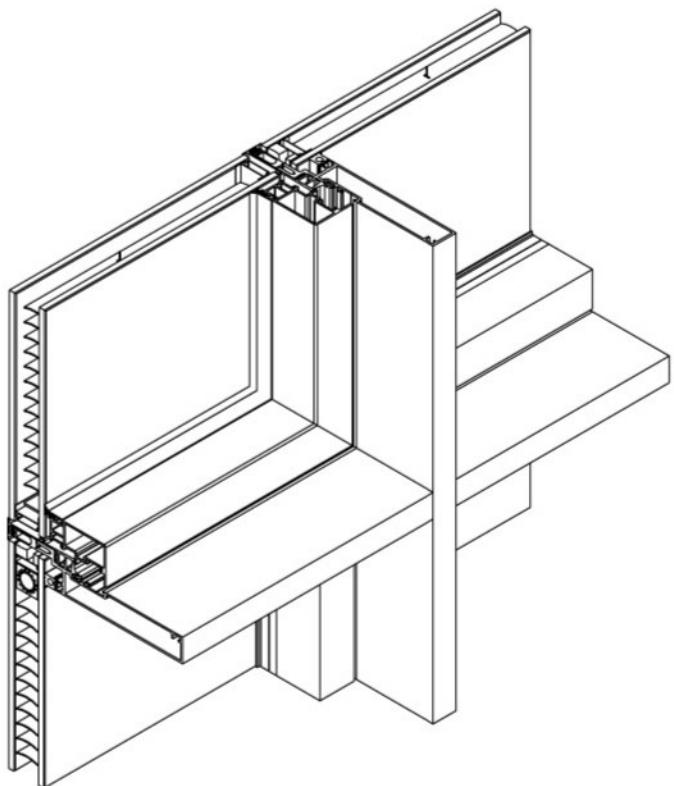
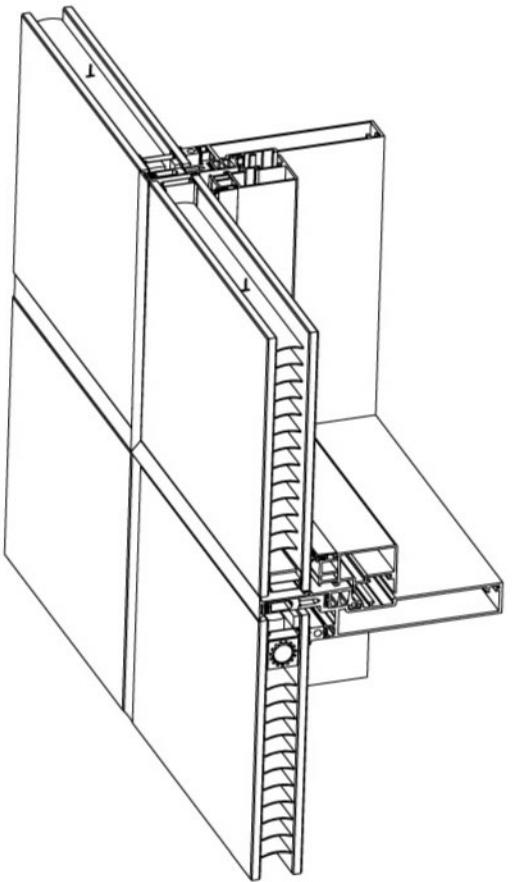
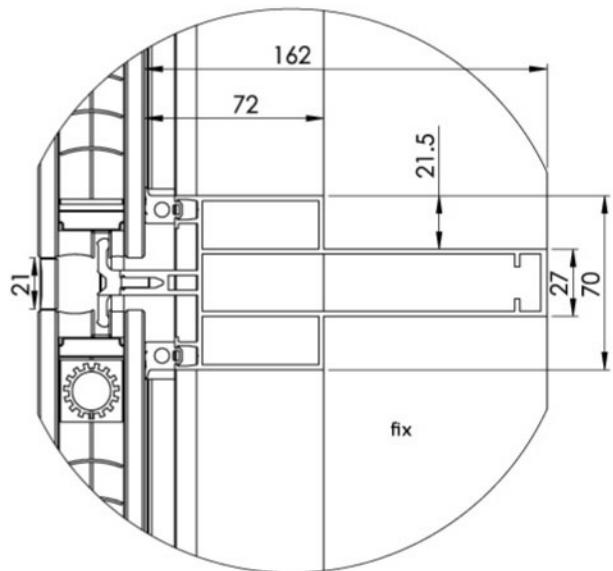
**ALC 7000 R**



**ALC 7000 SG**



## ALC 7000 S.G.

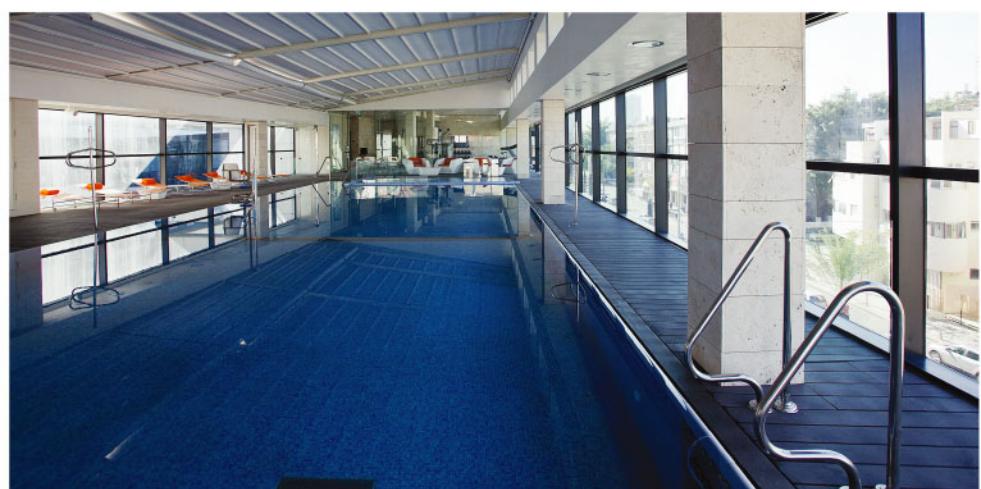


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**The ALC 7000 System Enables You Living Behind Glass Extremely Comfortable.**

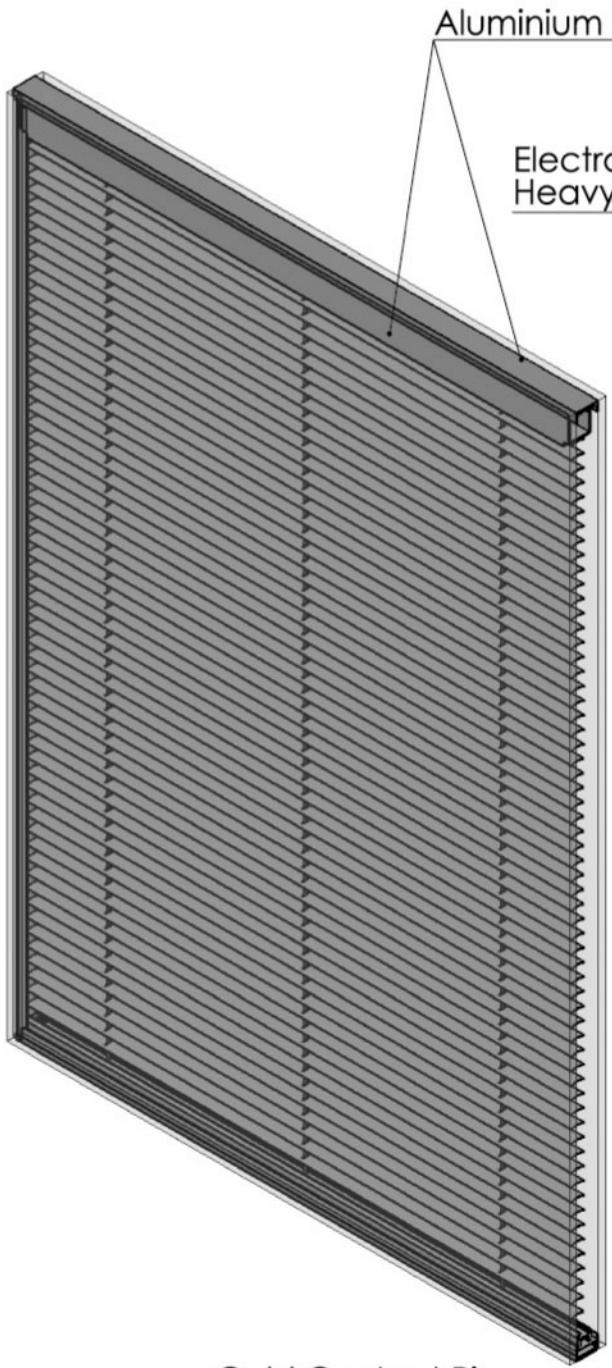




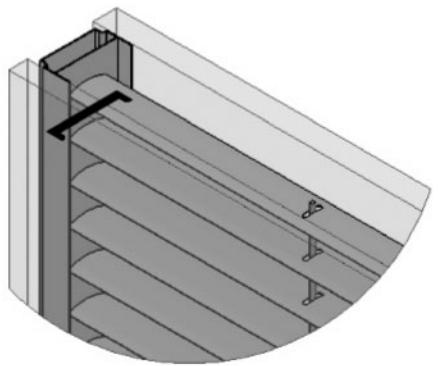
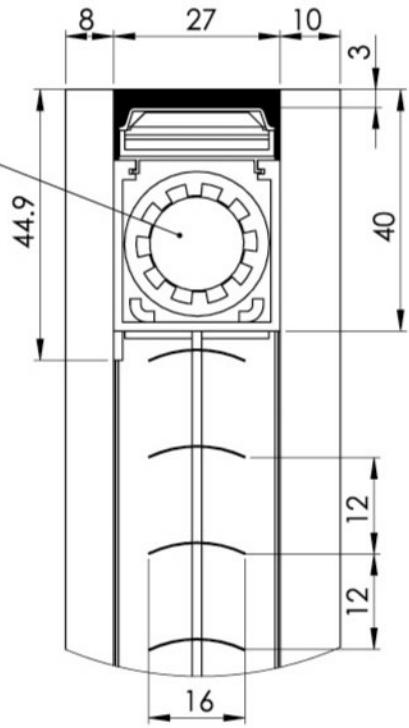
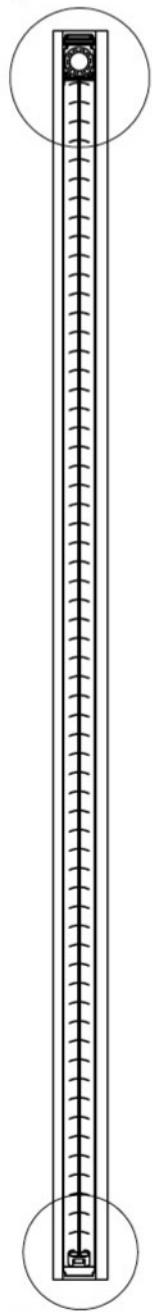




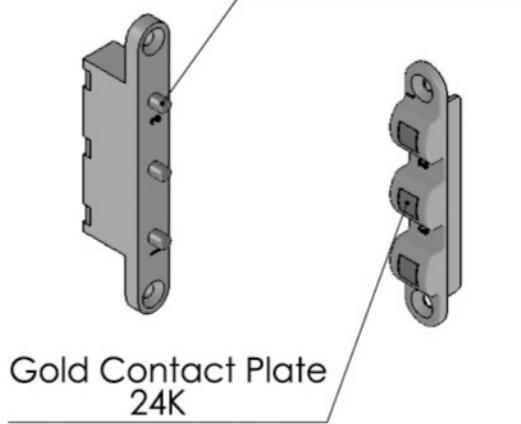
- The **ALC 7000** system is a Stick-type system with unique geometric structure, in a combination of windows and doors, without external visibility and with very thick glazing.
- The **ALC 7000** system is available in two variations:  
The first, **ALC 7000 R** - built in a vertical and horizontal grid, 90mm thick, protruding 20mm from the glass surface.  
The second, **ALC 7000 SG** - built as a smooth inset grid with vertical and horizontal 20mm thick silicone lines across the glass surface.
- The **ALC 7000** system makes living behind glass extremely comfortable, since the system has very high static resilience with 4000 pa and proven ability to prevent water and air penetration at "f" level. In addition, this system has a particular high acoustic attenuation of up to 38 db, with appropriate glazing and thermal insulation as required by the various standards for external walls.



A

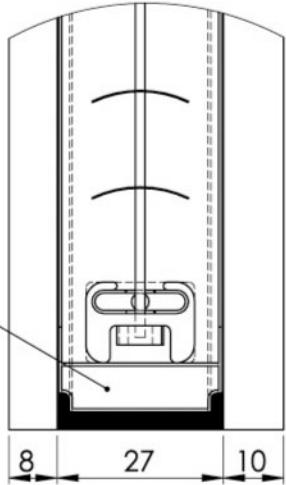


**Gold Contact Pin 24K**



B

**Aluminium Profile**



## Insulating Glass with Electronic Venetian Blinds

The insulating glass made by the Aluminum Construction Co. is high-performance Low E of the highest standard in the world, and manufactured using advanced and sophisticated equipment.

Electronic Venetian Blinds are installed in the gap between the insulating glass panes. The blinds are operated by a heavy-duty motor, which is able to count motor revolutions and detect ongoing stress to the motor.

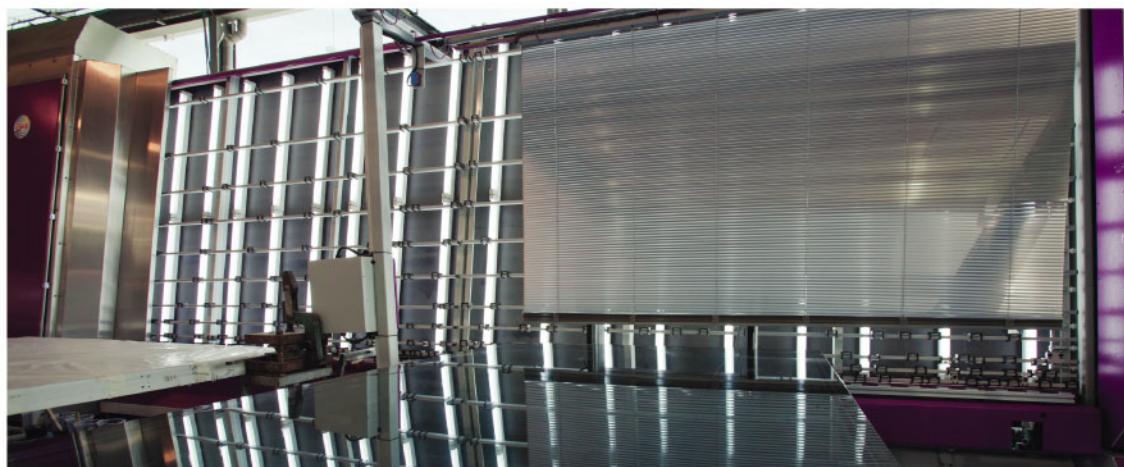
The Venetian Blinds are 25mm thick. The Insulating glass used with the Venetian Blinds can be built to dimensions of 3000mm x 2000mm.

The Venetian Blinds can be operated by connecting them to smart electric power and also by using a special integral remote controller.

The following actions can be carried out with the electronic Venetian Blinds:

- a. Raising
- b. Lowering
- c. Rotating
- d. Raising and lowering several Venetian Blind modules simultaneously.
- e. Rotating several Venetian Blind modules simultaneously.

The degree of shade achieved is approximately 93%.







## ALC 7000 HEBE-SHIBE Door System - Tilt & Lift Sliding Door

The H.S. system was developed by the Aluminum Construction Co. as a door for particularly wide apertures or for apertures that are exposed to strong winds.

The system is intended for use in luxurious residential buildings.

The H.S. system of the Aluminum Construction Co. can be provided with 2 panels, or with 4 panels, two on each side, one sliding past the other, Installed in 3000mm x 8000mm apertures.

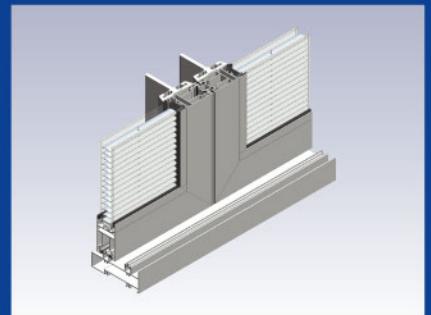
Each wing weighs up to 600kg.

The H.S. system allows glazing of up to 43mm thickness and enables insertion of Venetian Blinds in the gap between the two glass plates.

The wiring of the electronic Venetian blinds is concealed; the contactors located at the bottom of the door, which deliver power to the blinds, are made of 21 karat gold-plated metal.

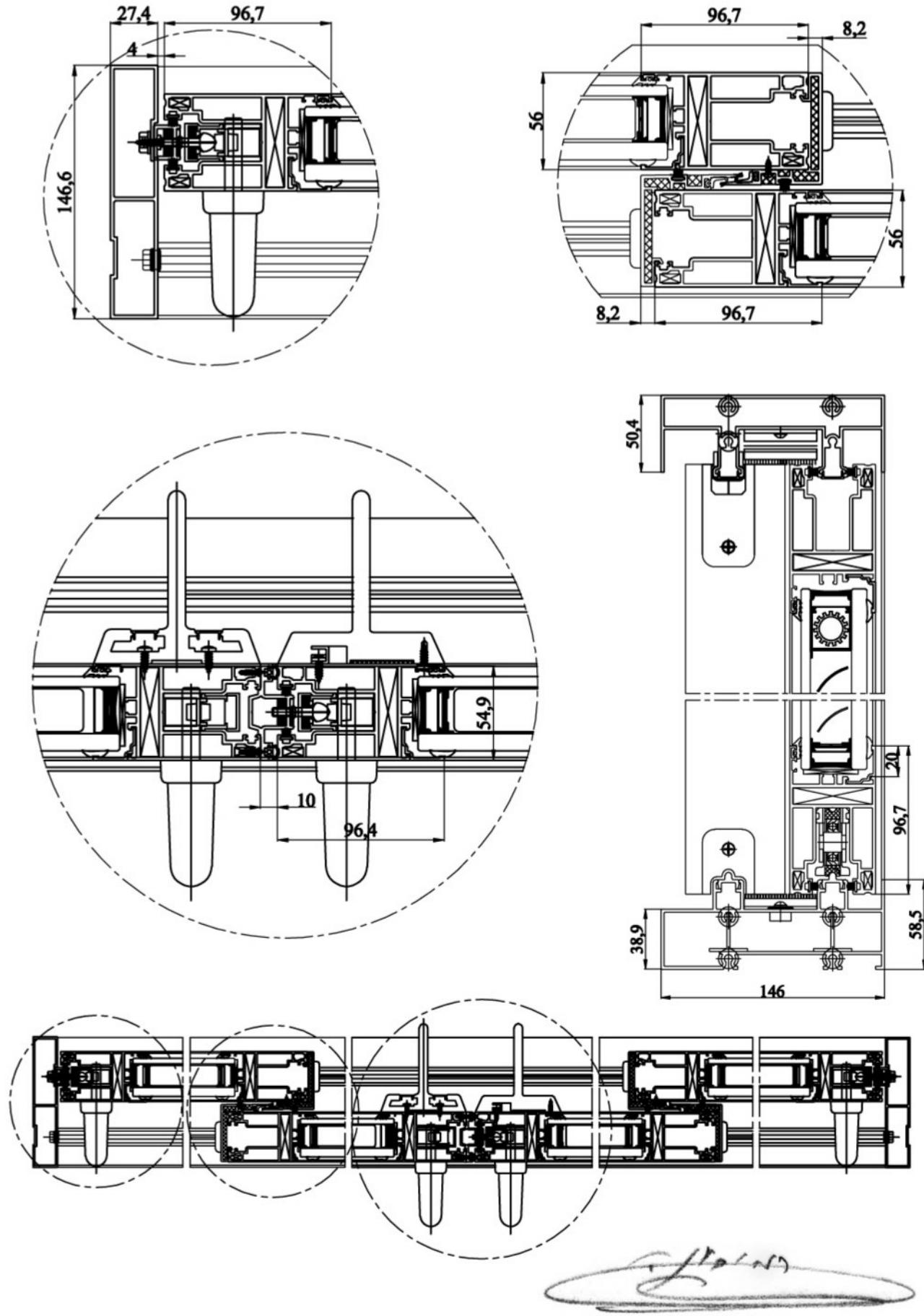
The H.S. system features impressive and massive ironwork, compatible with the wing's weight, while allowing the door to be opened effortlessly.

This system is highly resistant to penetration by air and water.



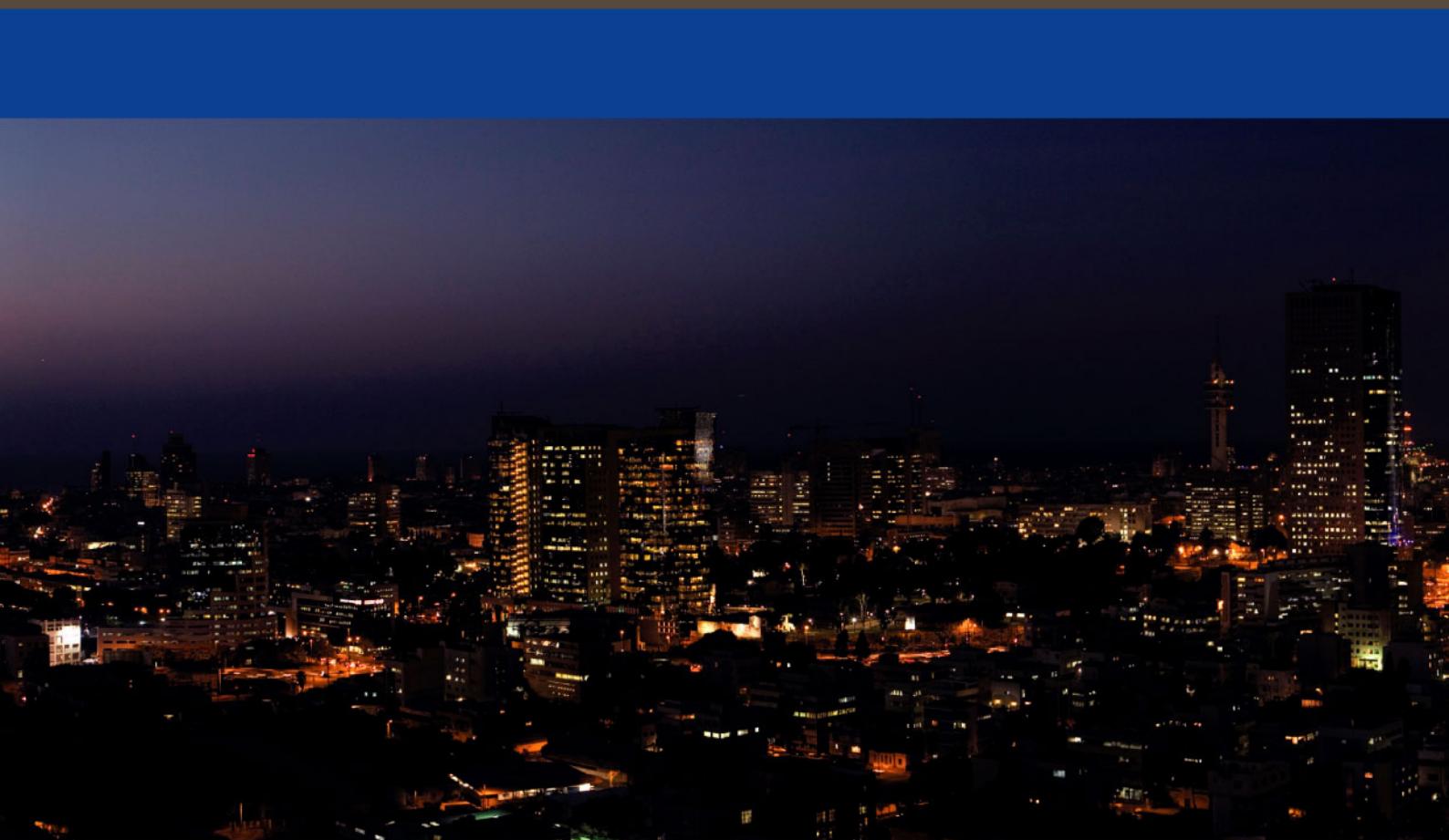
## ALC 7000 R

### HEBE-SHIBE (Tilt & Lift Sliding Door)





- All pictures that appear in the catalog are genuine.



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